

East Bay Lower Deck Travelers (Contract No. 62-15BBC2)

The as-built drawings, which are contained in these CDs, are scanned from drawings of the existing structure for the convenience of the contractor and as a means to convey to the contractor the available information regarding the existing structure. It is to be understood that no claim is being made as to the accuracy or completeness of the said information and that the State of California or its officers or agents shall not be responsible for the manner in which the contractor interprets and uses this information or for the accuracy, currency or completeness of these scanned as-built drawings. The contractor shall be responsible to obtain, at the contractor's expense, any additional information that the contractor deems necessary for completely and accurately assessing the existing conditions of the structure. The contractor shall not be entitled to any compensation for any claim arising from inaccuracy or insufficiency of these as-built drawings or in anyway related to these drawings.

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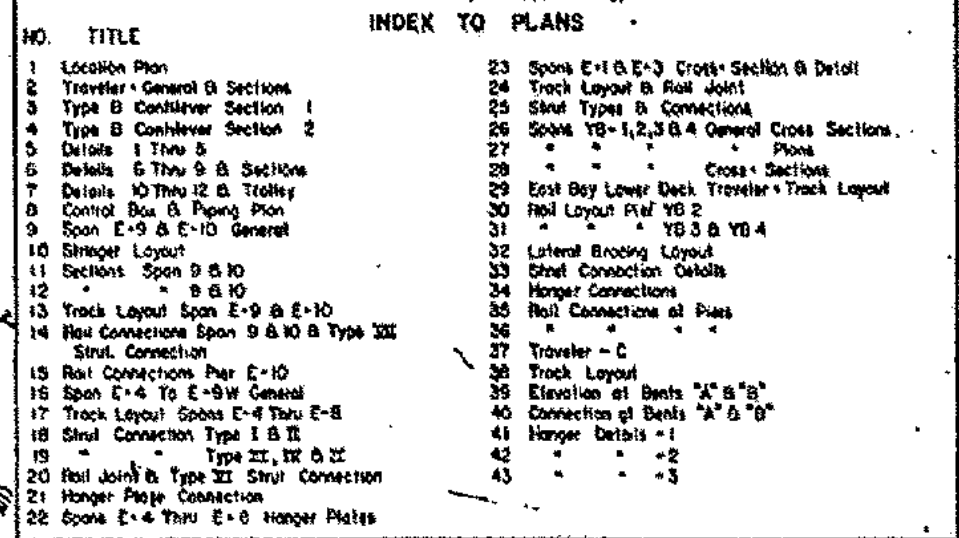
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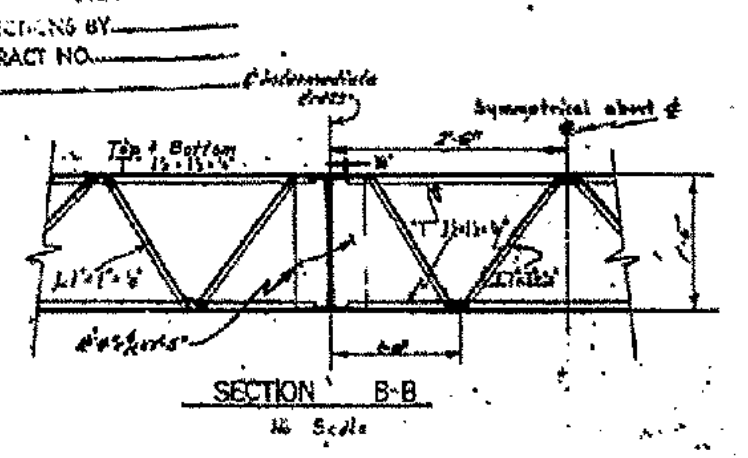
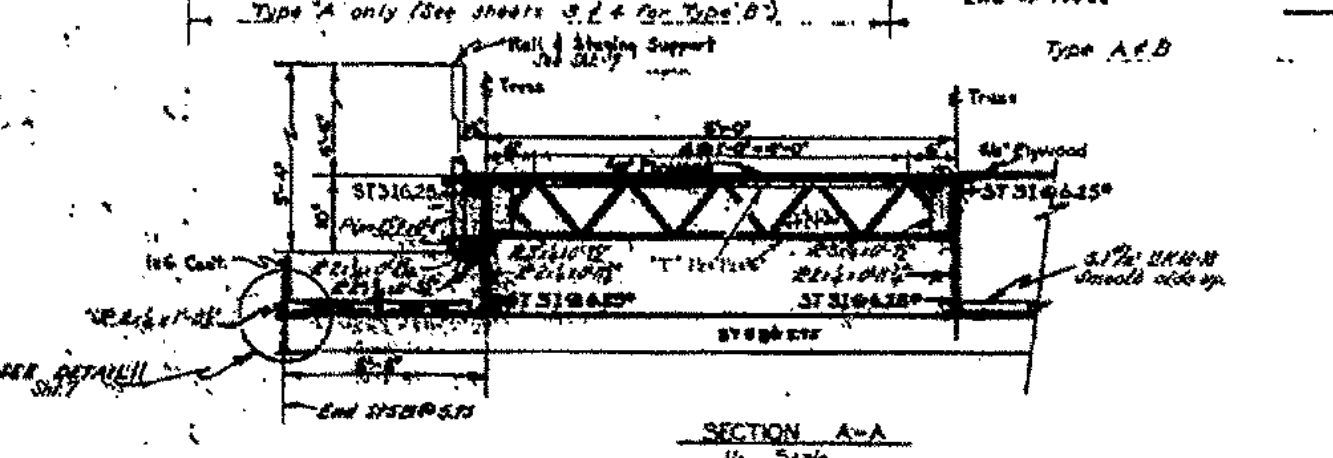
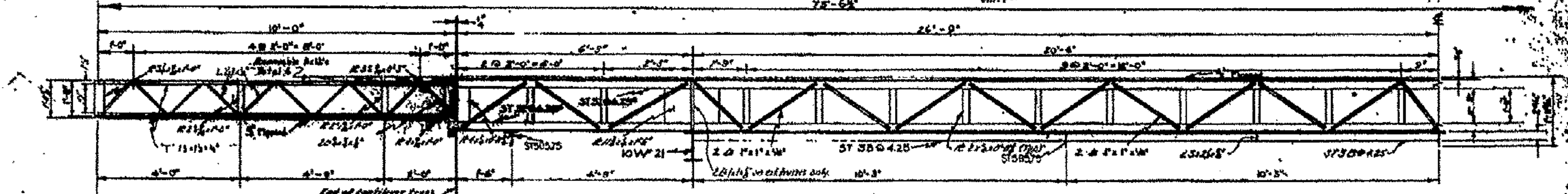
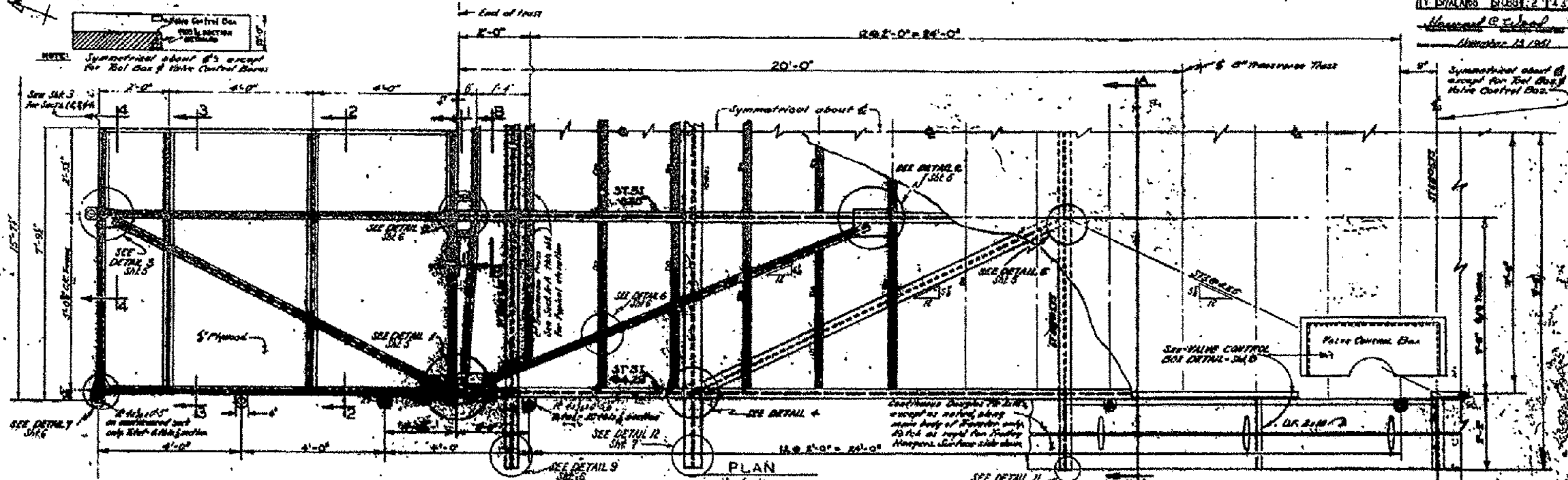
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SCALE: NONE	DATE: 11-2-77
DESIGN NO.: 14-01	DESIGNED BY: J. H. H. H. H.

Contract G2-15BBE2

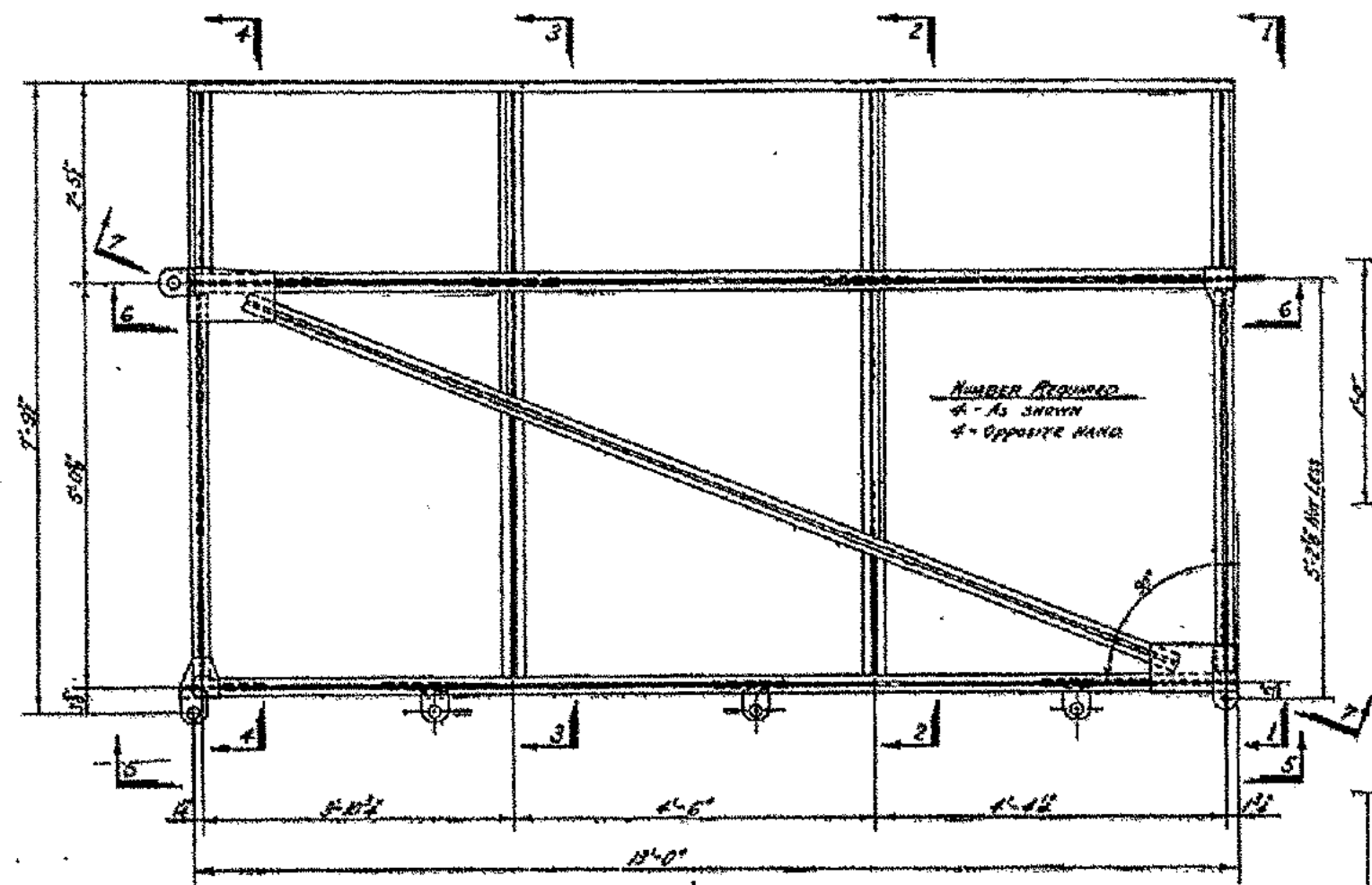
Howard C. Seal
November 13, 1961



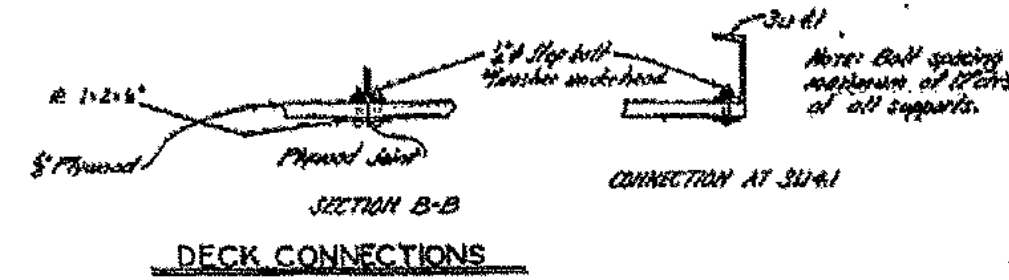
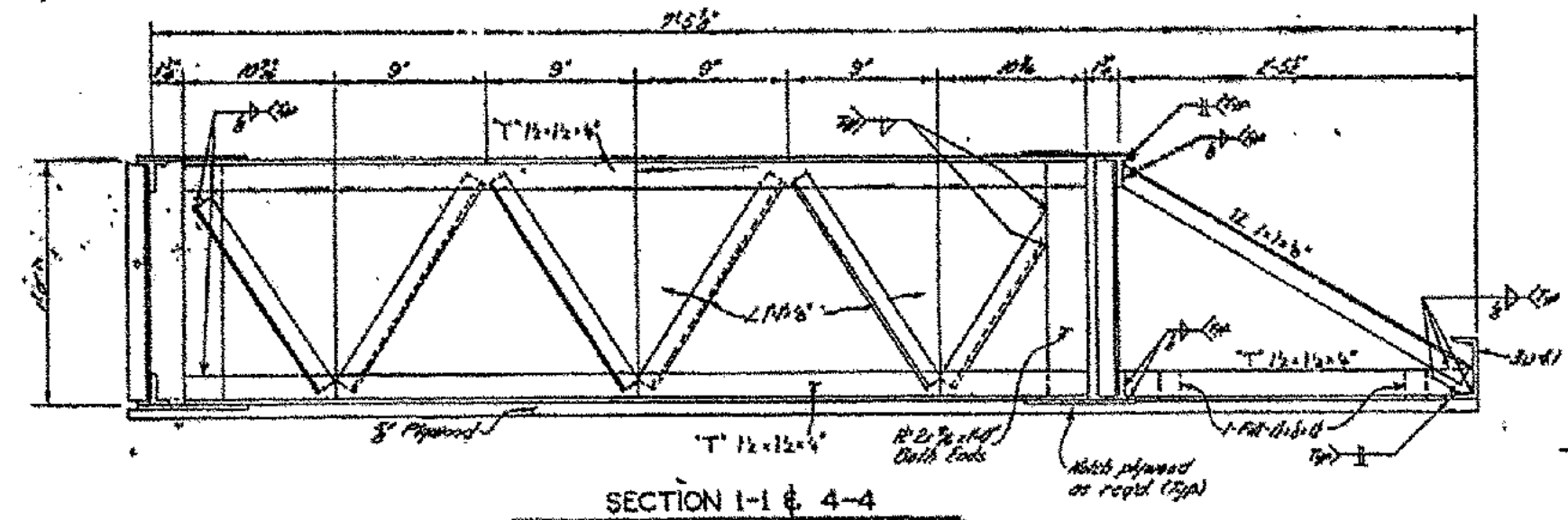
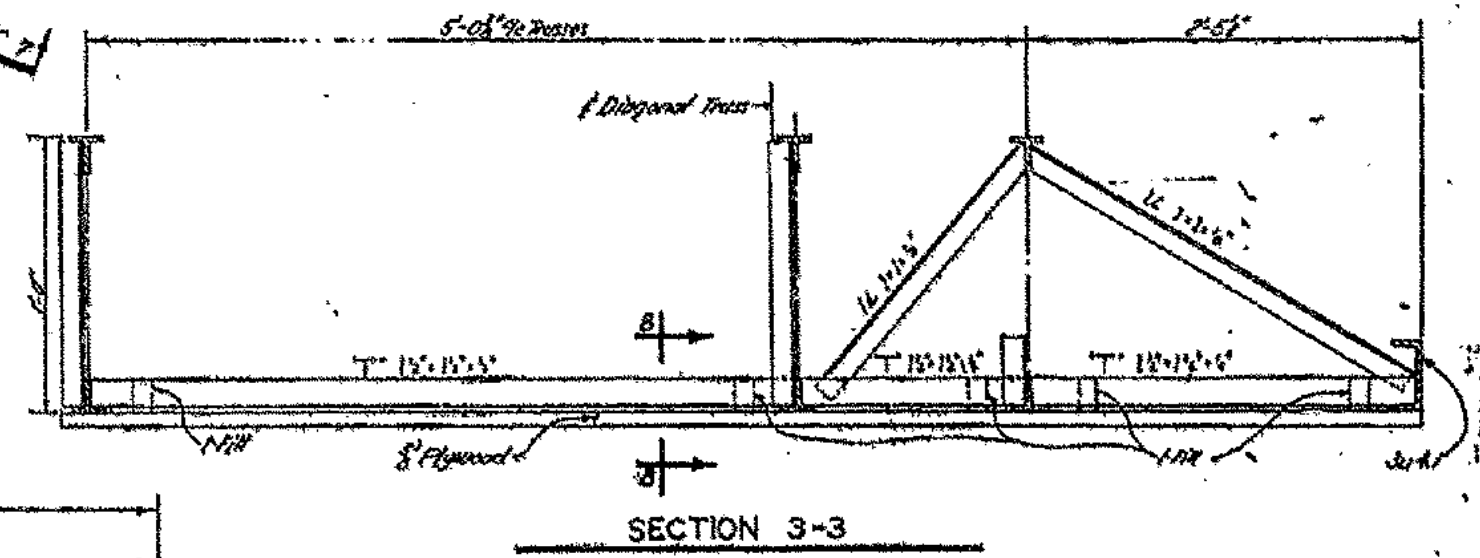
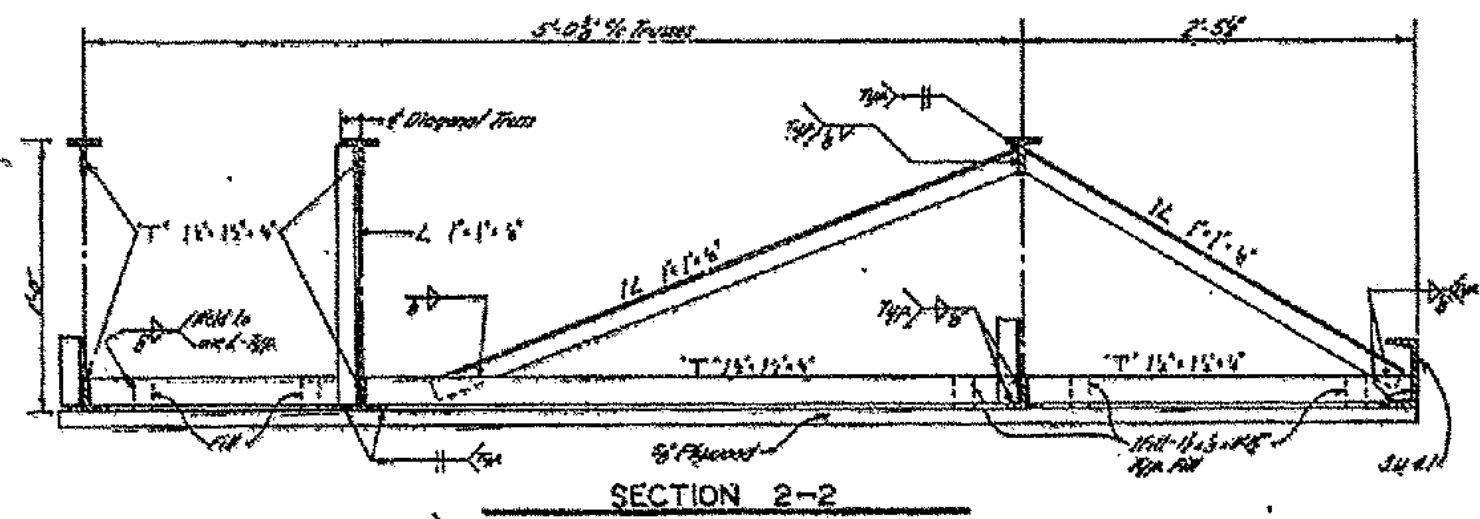
Note: All dimensions and interferences of members to be welded with coefficient of 0.75 unless otherwise noted.

NUMBER OF TRAVELERS REQ'D
-1- AS SHOWN TYPE "A"
-2- TYPE "B"

EAST BAY LOWER DECK TRAVELER	
TRAVELER—GENERAL SECTIONS	
SCALE AS NOTED	DATE 11/13/61
DRAWING NO. 34-04	DESIGNED BY H.C. SEAL



TYPE B CANTILEVER SECTION
 PLAN VIEW
 Scale: 1" = 1'-0"

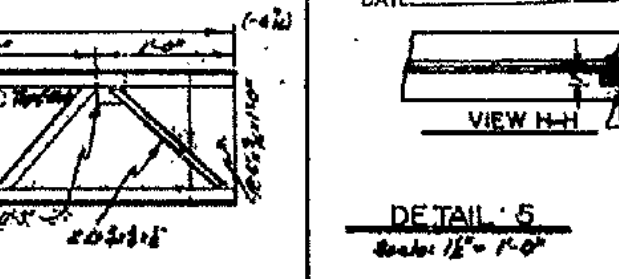
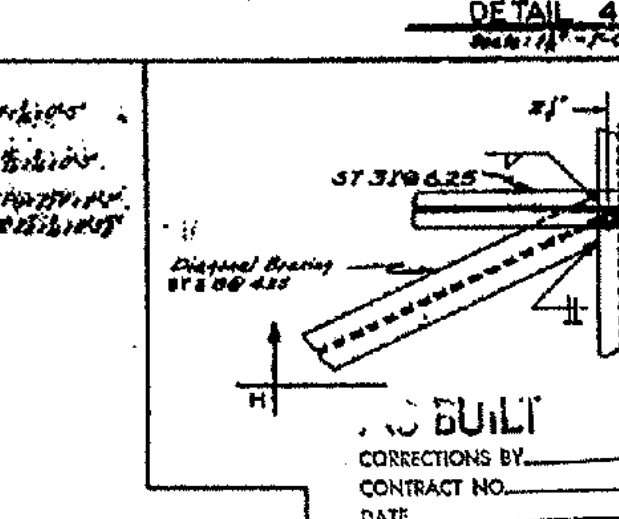
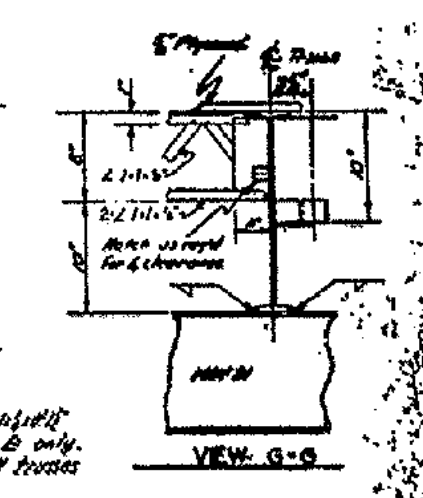
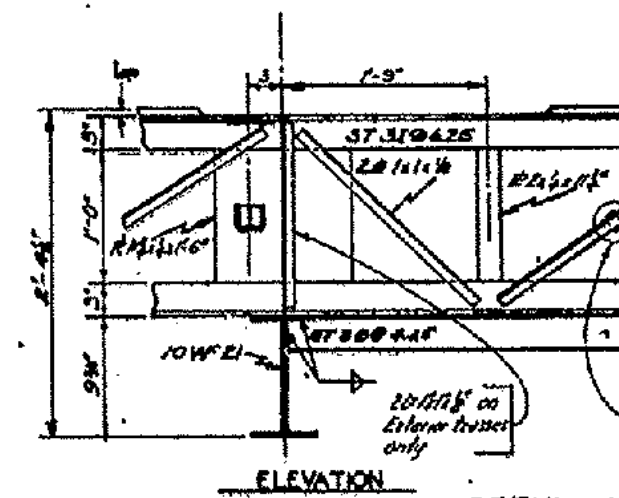
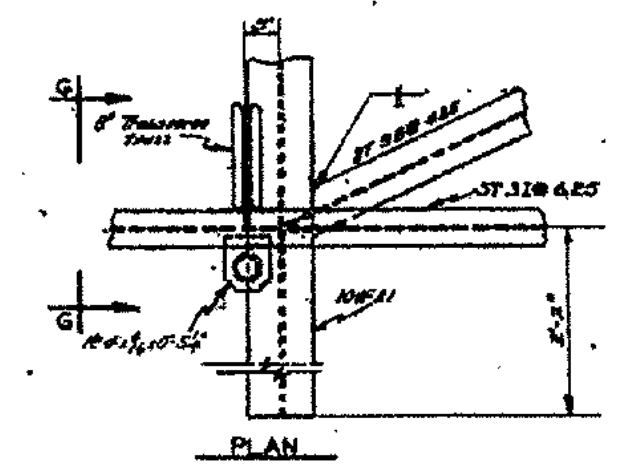
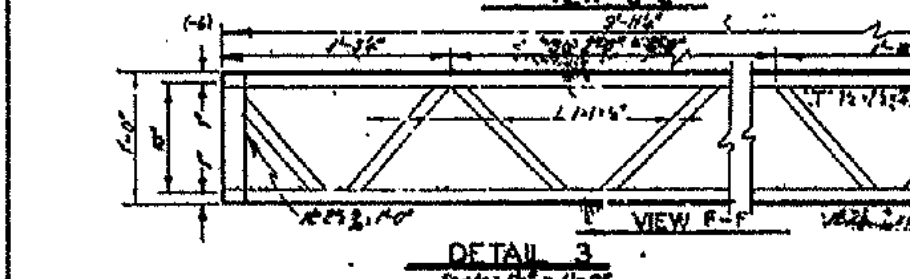
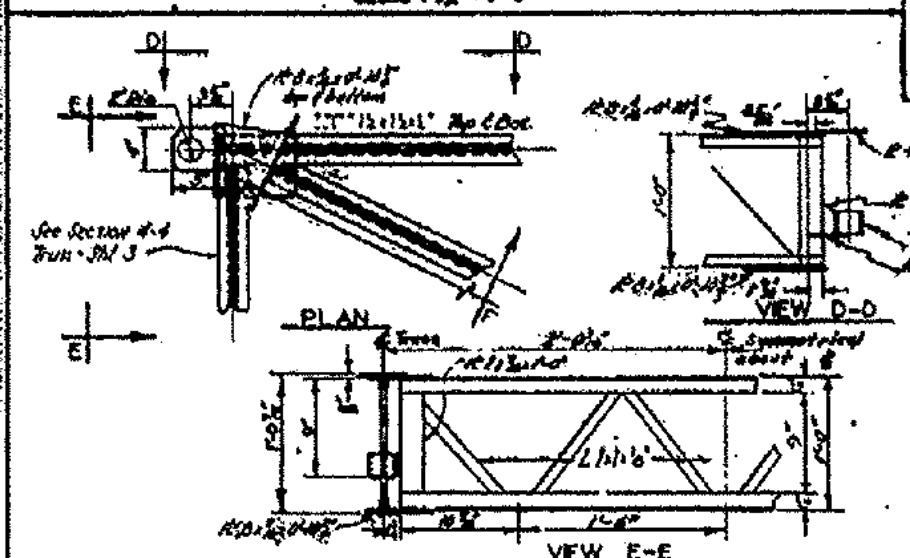
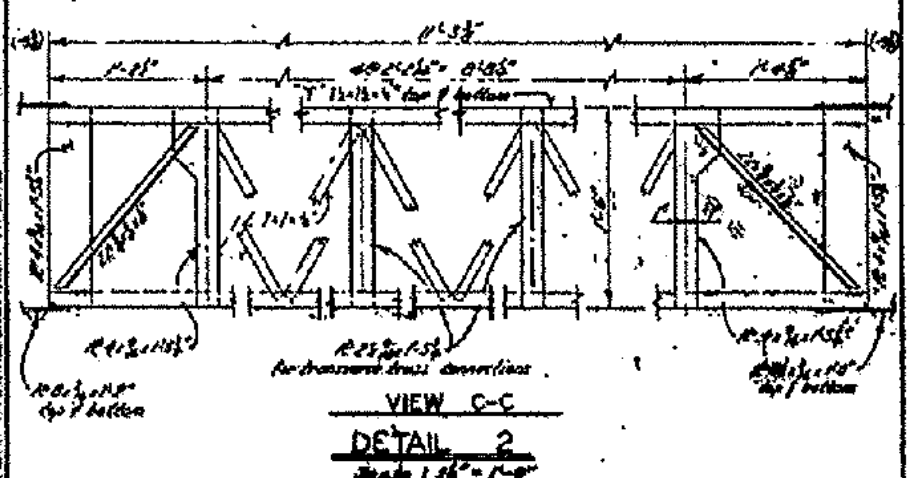
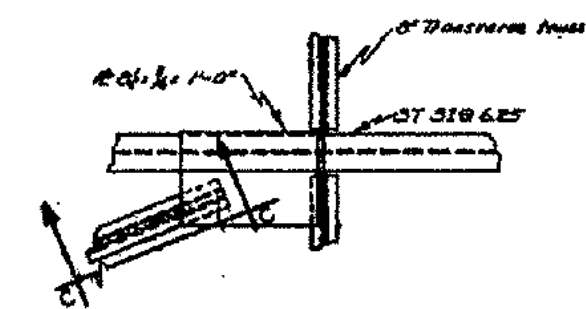
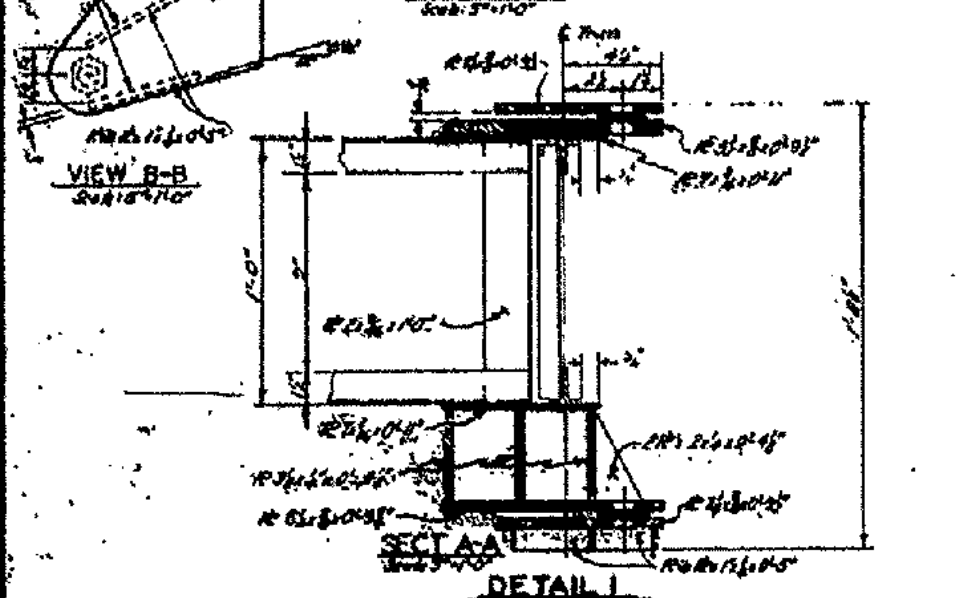
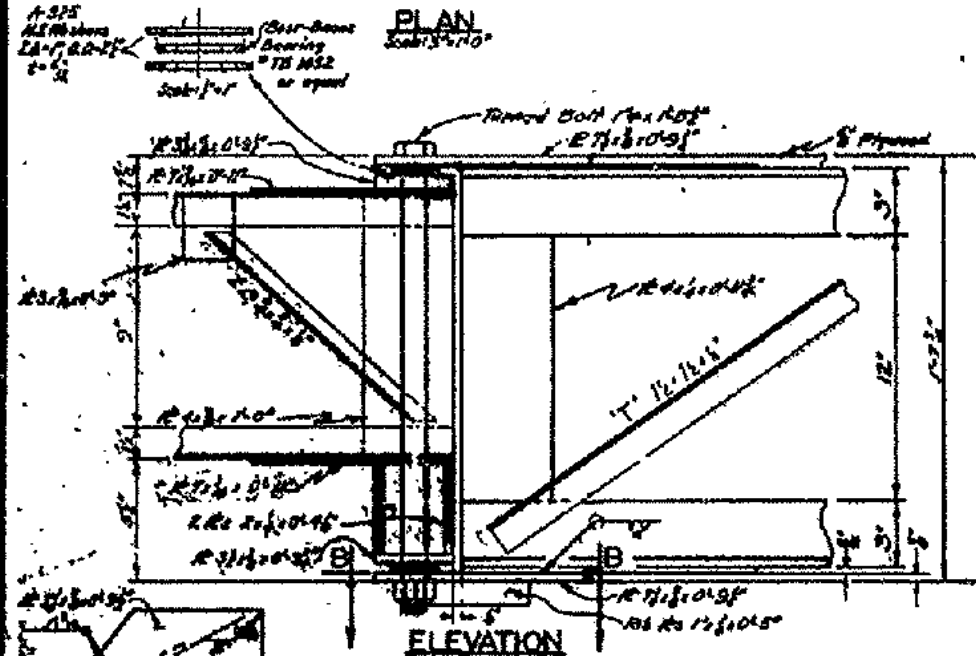
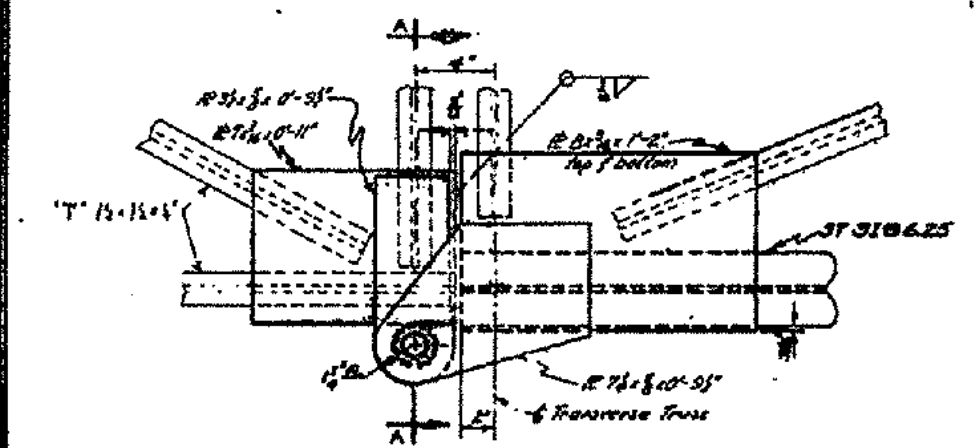


AS BUILT
 CORRECTIONS BY _____
 CONTRACT NO. _____
 DATE _____

EAST BAY LOWER DECK TRAVELERS			
TYPE "B" CANTILEVER SECTION 1			
SCALE	No Scale	DATE	11/19/41
BRIDGE No.	34-04	DRAWING No.	M-380A-3

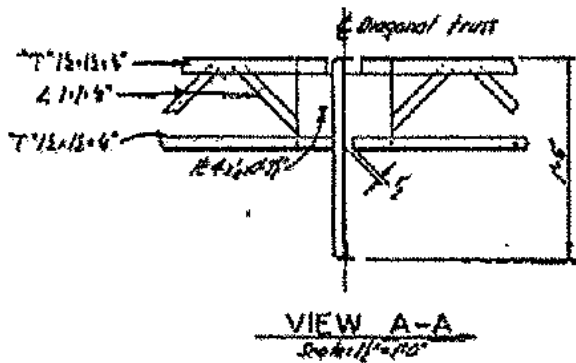
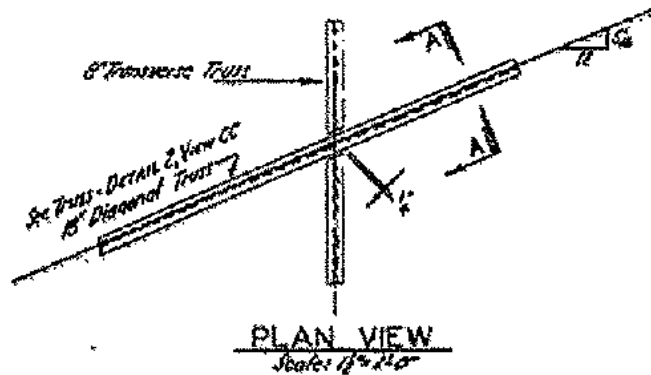
SAN FRANCISCO-OAKLAND BAY BRIDGE

NOTE: All connections and
 dimensions of members to be
 welded with electrodes
 E70XX unless otherwise
 indicated.

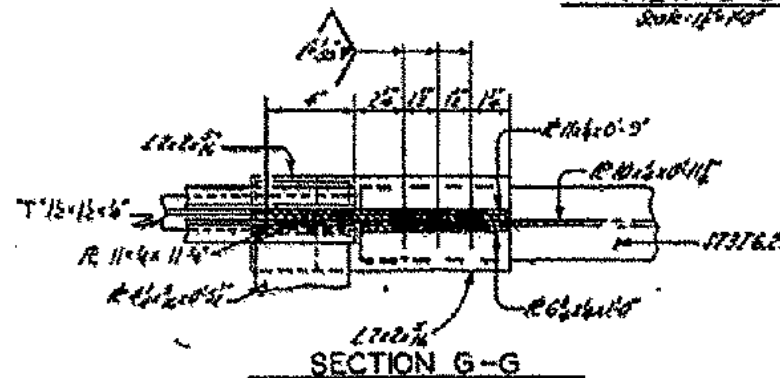
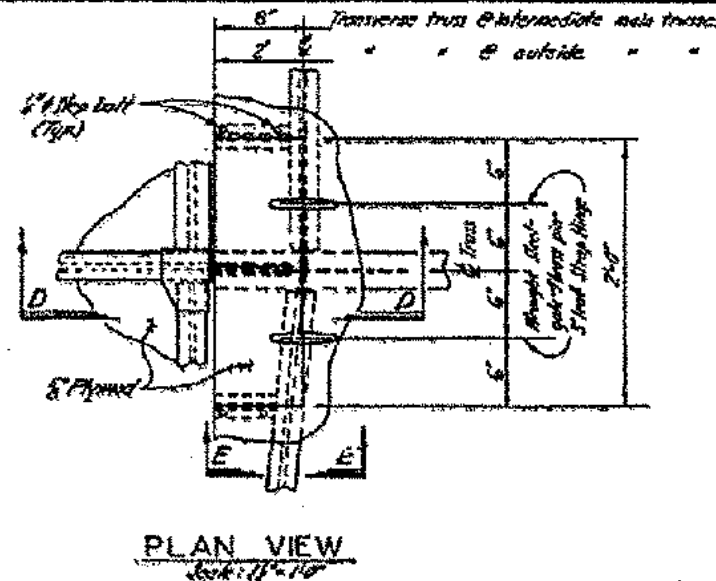
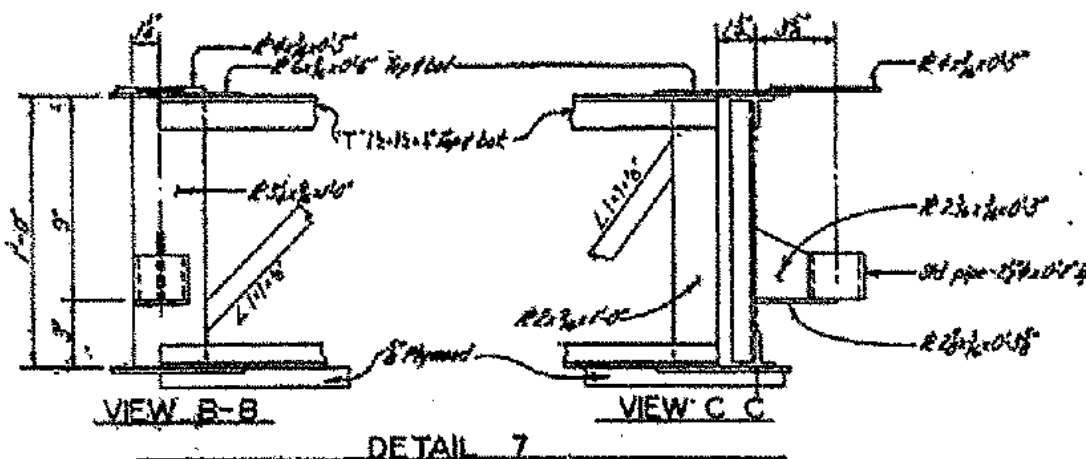
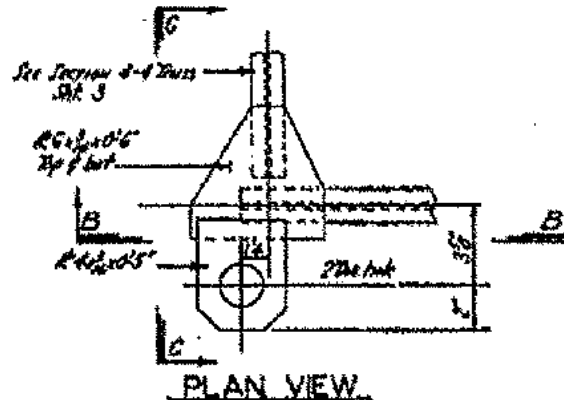


EAST BAY LOWER DECK TRAVELERS	
DETAILS 1 THRU 5	
SCALE AS NOTED	DATE 11/18/61
ENGINEER 34-04	DESIGNED BY M. 380

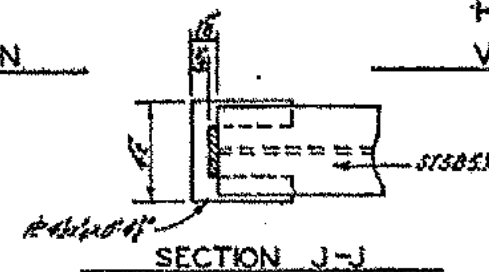
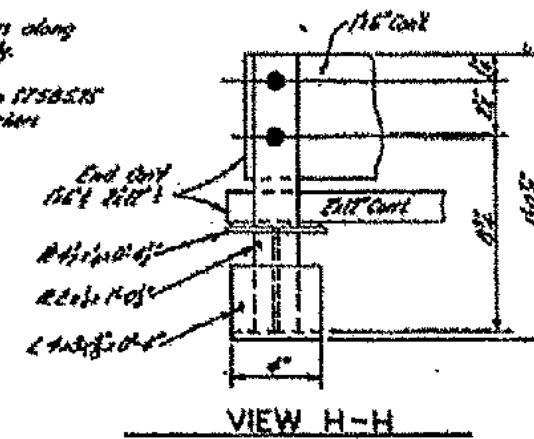
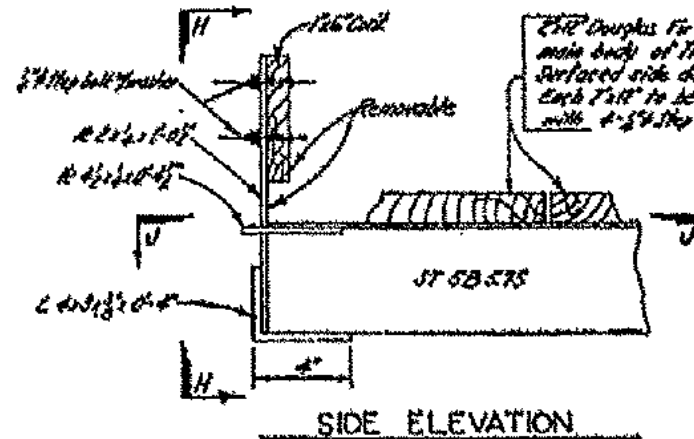
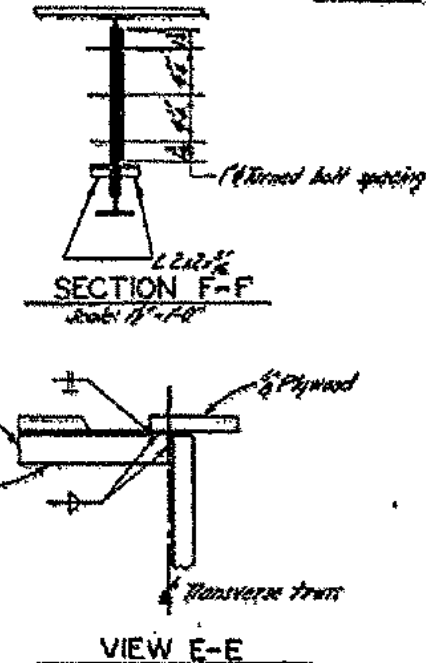
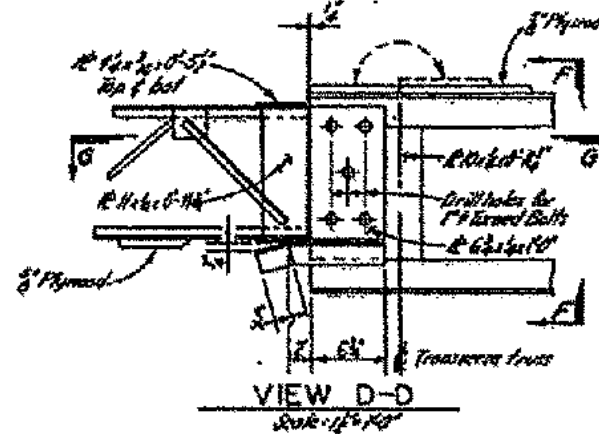
AS BUILT
 CORRECTIONS BY _____
 CONTRACT NO. _____
 DATE _____



DETAIL 6



SUPPORT AND CONNECTION DETAILS AT TRANSVERSE TRUSSES
 DETAIL 8

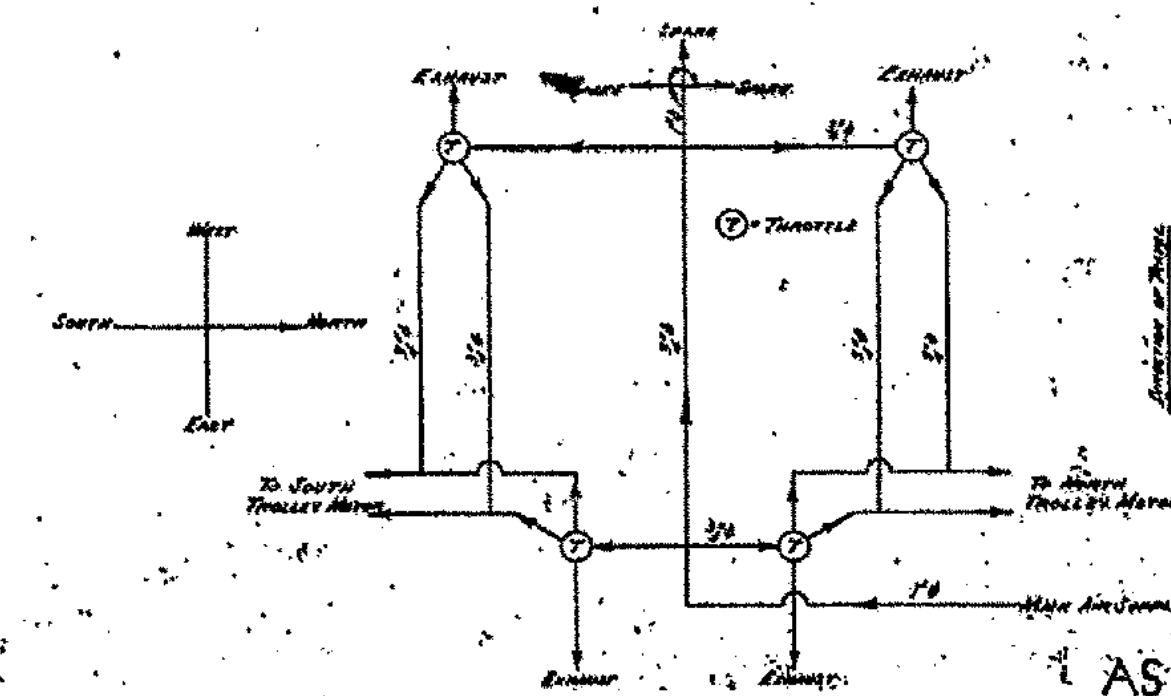
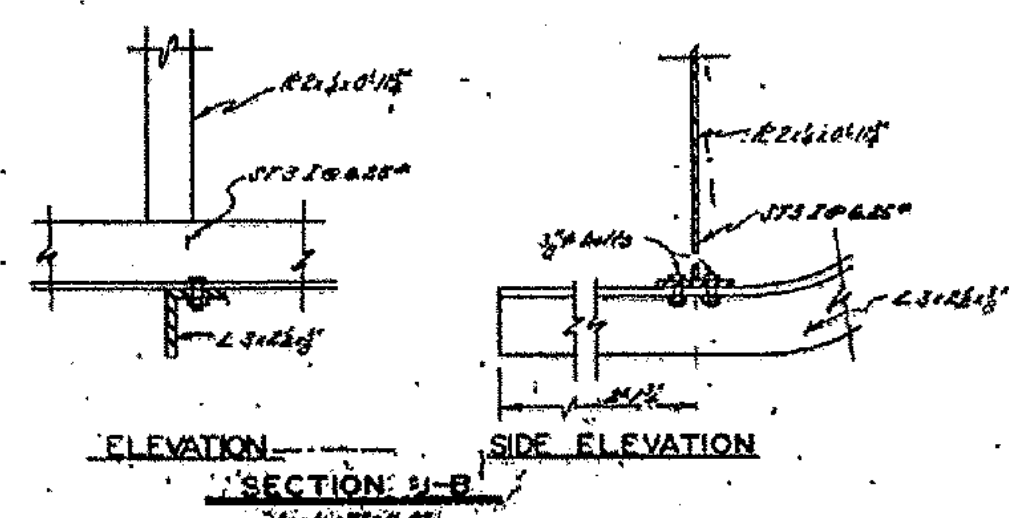
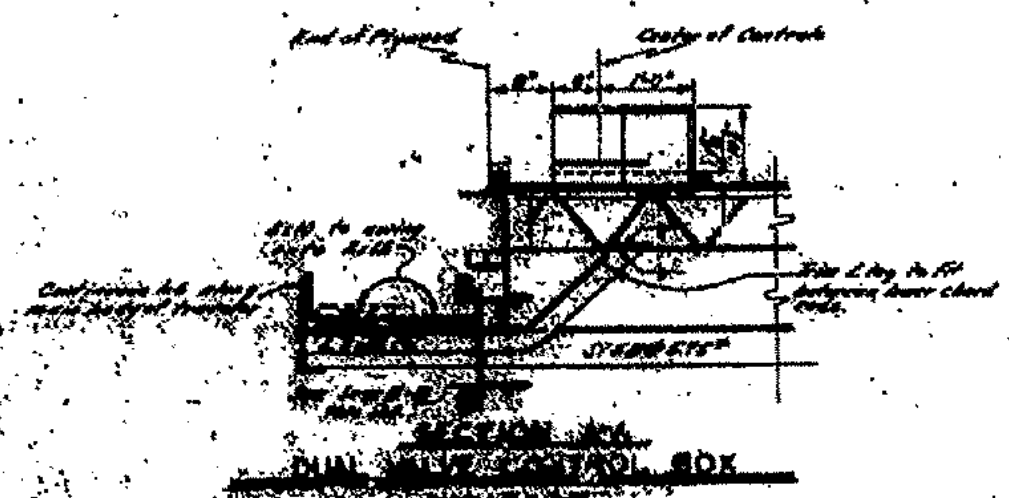
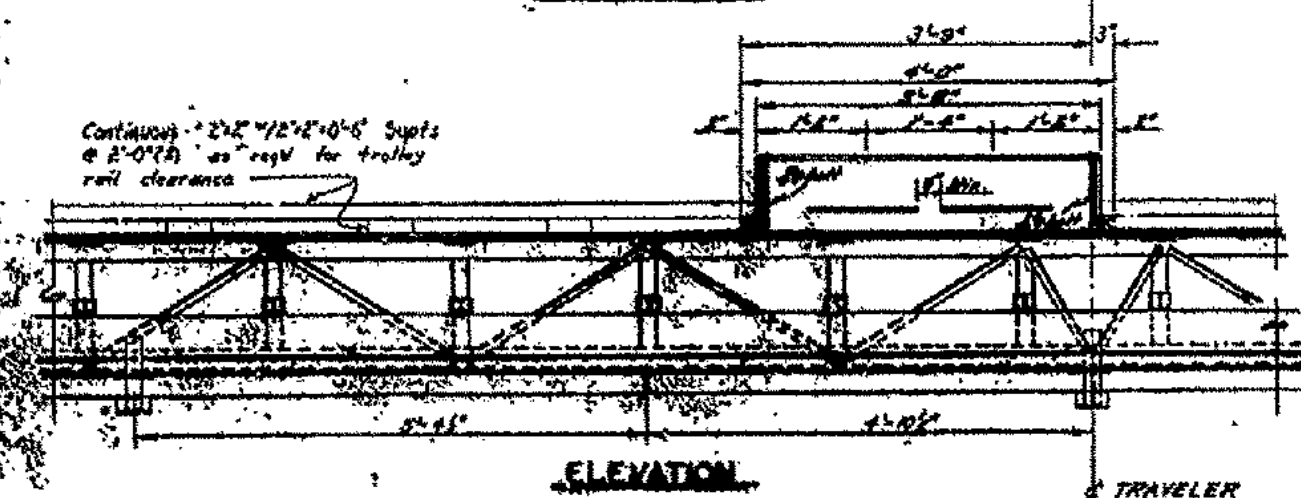
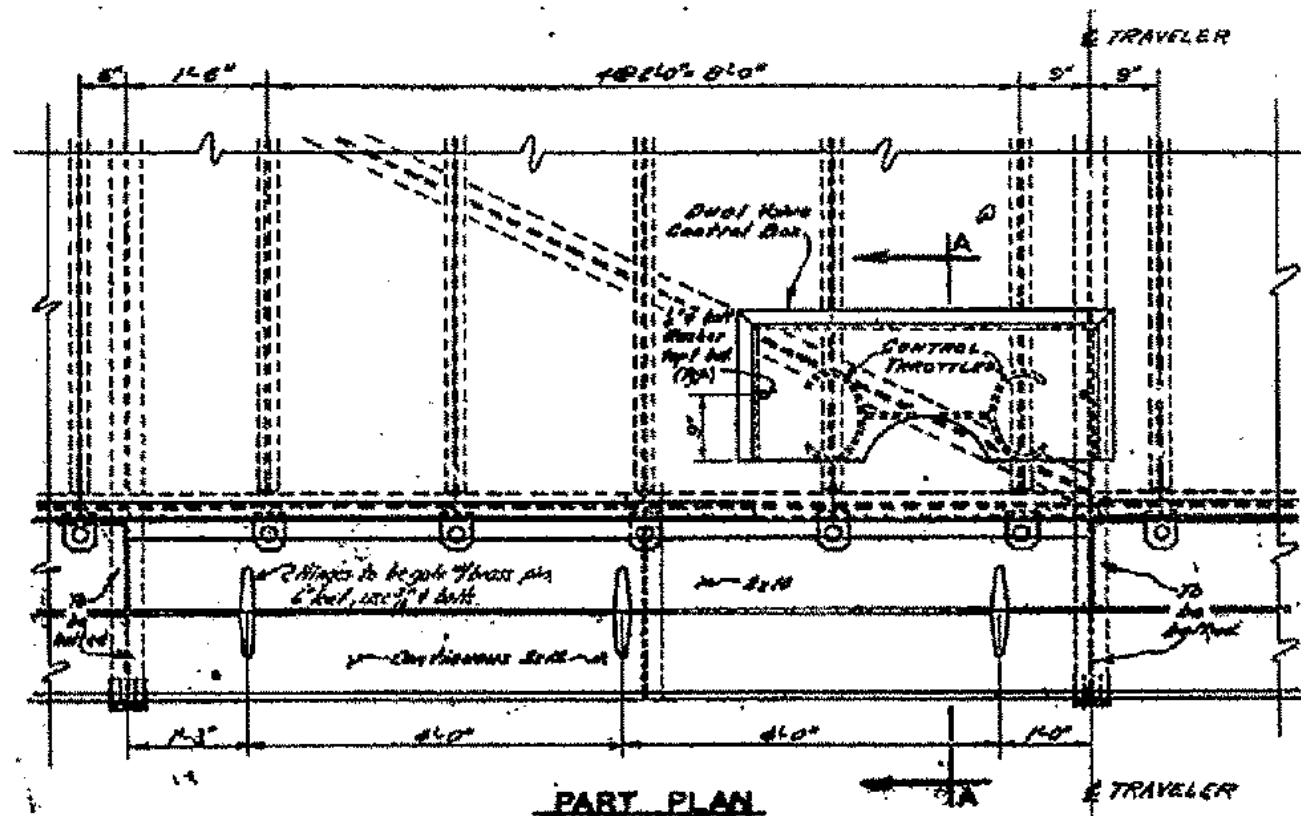


DETAIL 9

NOTE: All connections and intersections of members to be welded with 1/8\"/>

AS BUILT
 CORRECTIONS BY: _____
 CONTRACT NO. _____
 DATE: _____

EAST BAY LOWER DECK TRAVELER	
DETAILS 6 THRU 9 & SECTIONS	
SCALE: 3/8\"/>	DATE: 11/19/61
BRIDGE NO. 34-04	DRAWING NO. M-369-APP



GENERAL NOTES
 1-Valve Control Boxes to be bolted to the traveler deck
 2-Control Throttles to move in direction of travel
 3-Traveler bases to be constructed of 3/4" plywood
 4-2" x 1/2" to be hinged to continuous 2" x 1/2" using 3 hinges with 1/4" bolts. Total 6 hinges per traveler
 5-Hinge roofs to be flat with top of flanges
 6-Piping to be located under traveler deck

7-Steel pipe shall be of standard weights and dimensions conforming to ASTM designations A53-A106. Soldered fittings shall be of standard pattern and of standard size of standard size and dimensions conforming to ASTM designations A112-A113. All pipe and fittings shall be galvanized.
 8-Pipe to have couplings to be Universal type.
 9-Compressed air hose connecting piping to air motor shall be 3/4" I.D. 5-braid rubber hose.

AS BUILT
 CORRECTIONS BY _____
 CONTRACT NO. _____
 DATE _____

SPANS E9 TO E11-ELEVATION
1/6 Scale


TYPICAL SECTION - PIERS E9 THRU E11

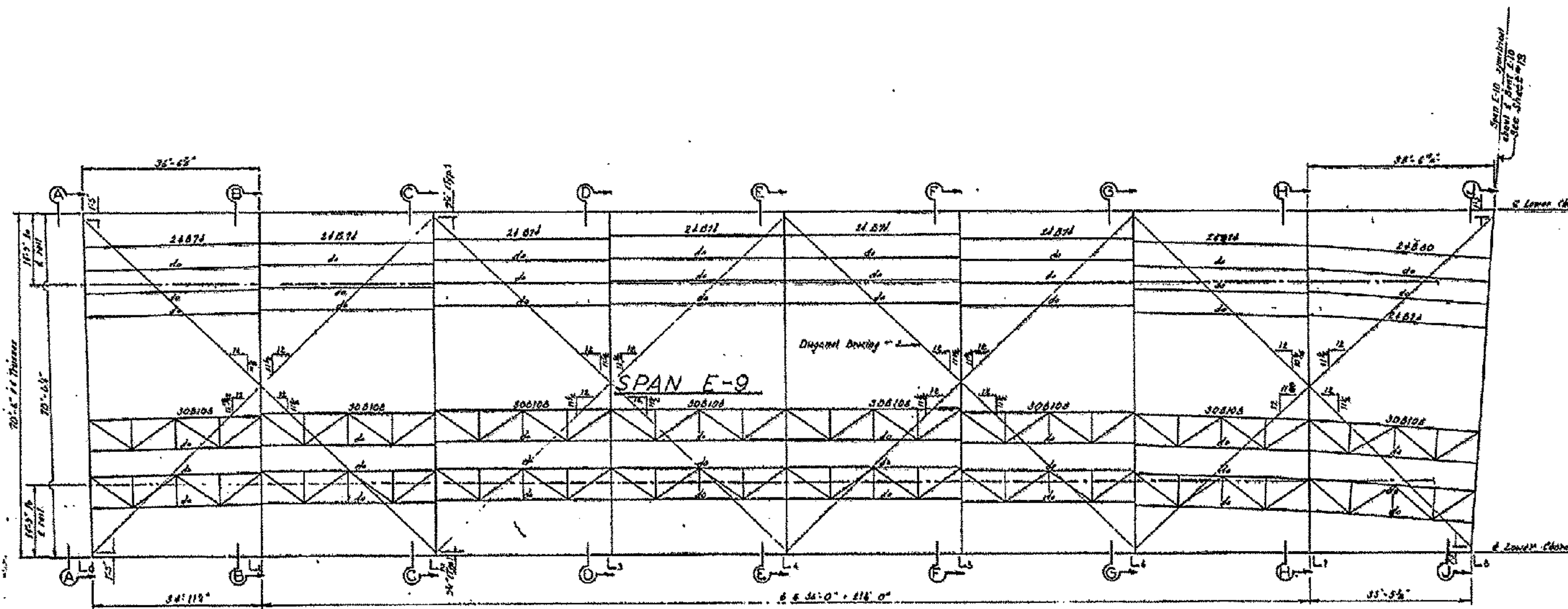
NOTE:
This hanger will be used on the north
side where the E of the rail 101254 is
7" or more from the E of a stringer

NOTE:
This hanger will be used on the south side where the $\frac{1}{2}$ of the rail 10125.4 is $7\frac{1}{4}"$ or less from the $\frac{1}{2}$ of a stringer.

CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

SCALE	$\frac{1}{2}'' = 1'-0''$	1960 DEC 2
		DATE 1961
TITLED No.	34-04	DRAWING No. M-389-A-1

2. <u> </u>		
3. <u> </u>		
4. <u> </u>		
5. <u> </u>		
6. <u> </u>		
7. <u> </u>		
8. <u> </u>		
9. <u> </u>		
10. <u> </u>		
		



STRINGER LAYOUT

NOTE: WORK WITH SHEETS 11 & 12

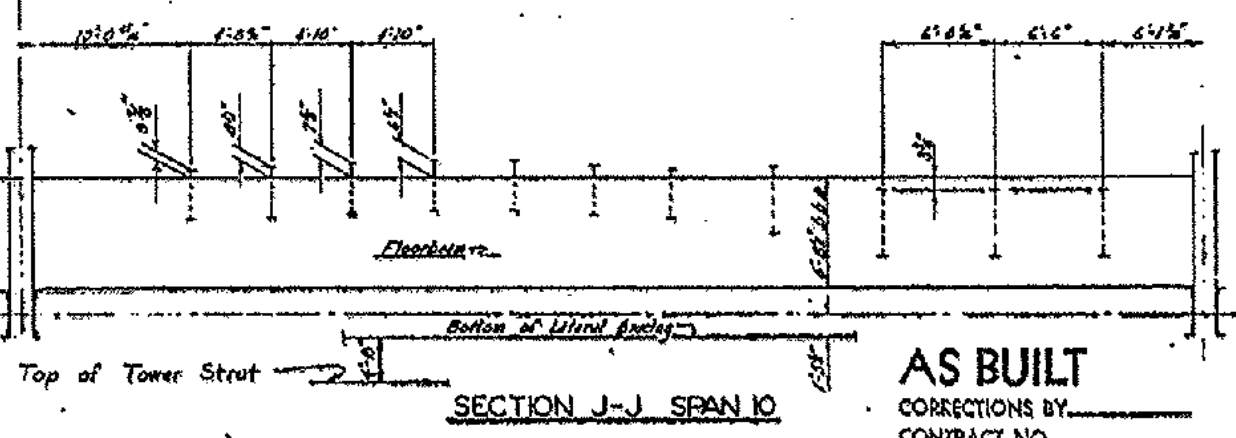
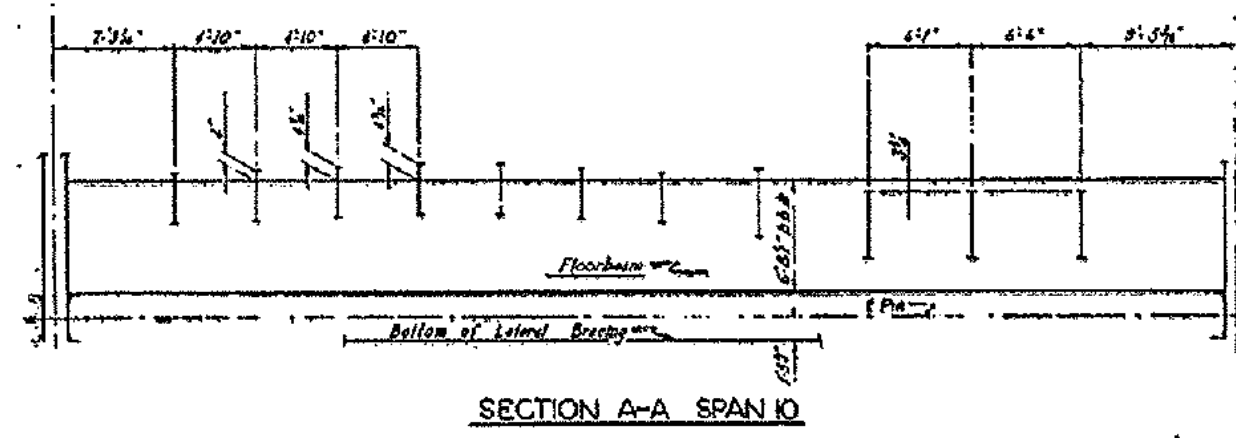
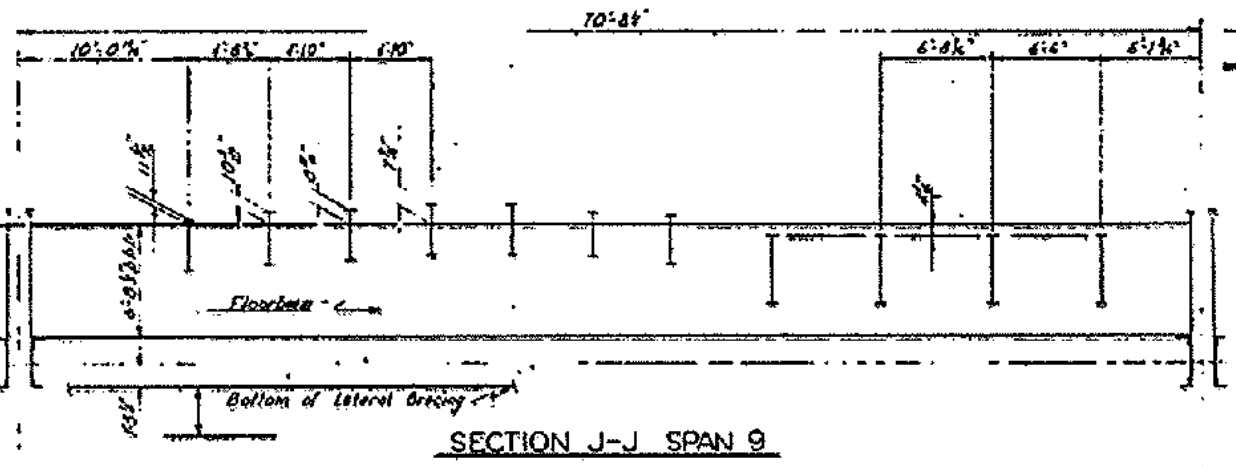
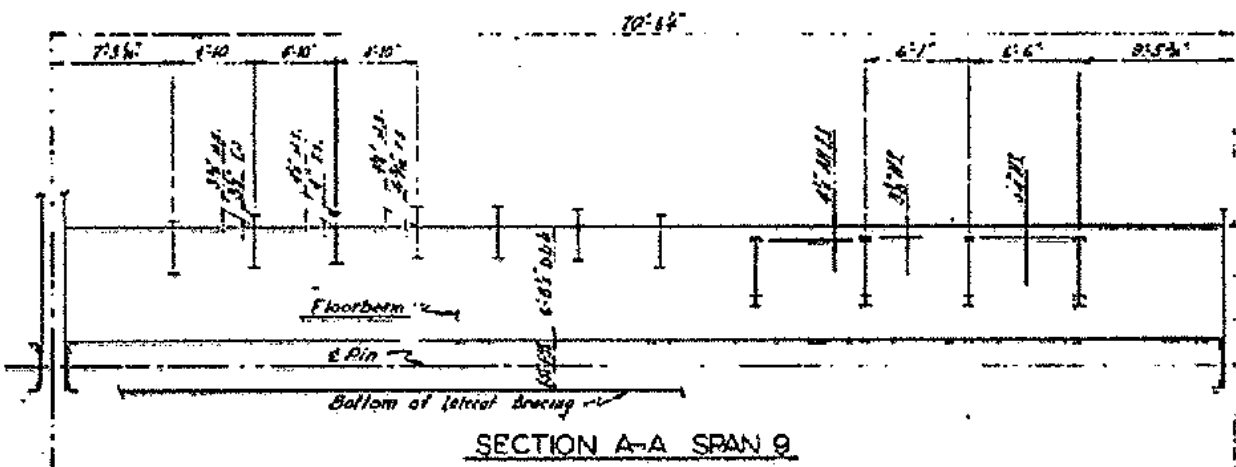
AS BUILT

CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

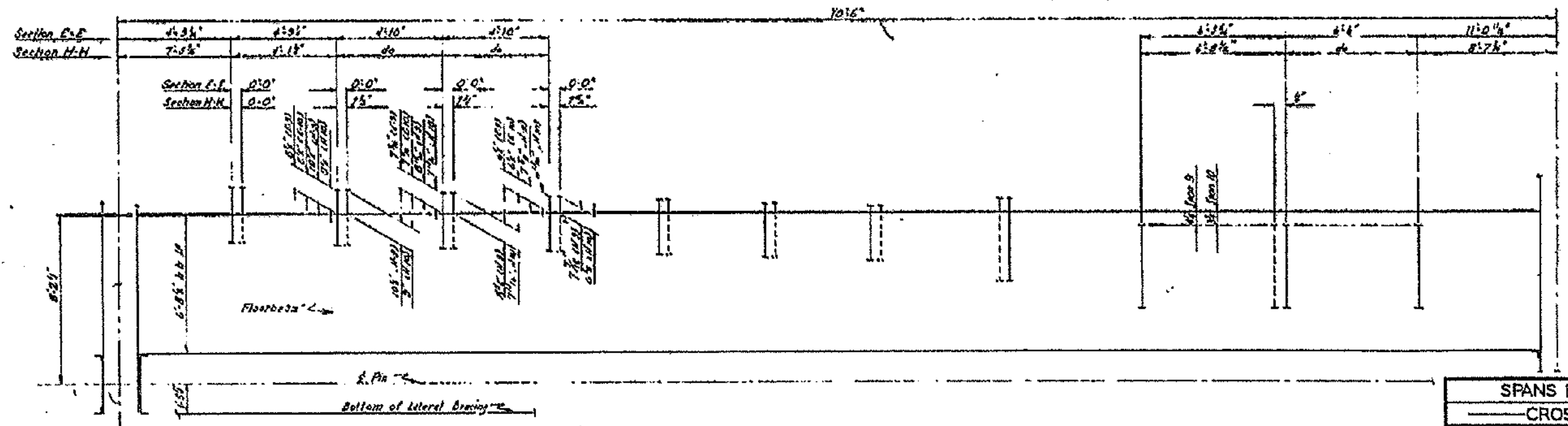
SPANS E-9 AND E-10	
PLAN AND STRINGER LAYOUT	
SCALE No SCALE	DATE 1-11-61
DESIGN No. 34-04	DRAWING No. M389-A10

Harmon O. Wood
 November 14, 1901

SAN FRANCISCO-OAKLAND BAY BRIDGE



AS BUILT
 CORRECTIONS BY _____
 CONTRACT NO. _____
 DATE _____



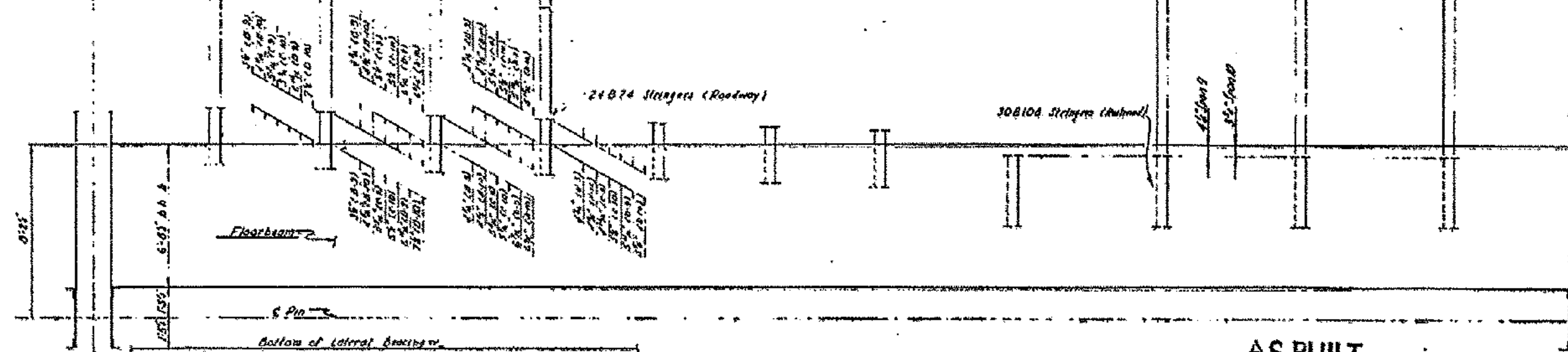
SECTION E-E
 H-H

NOTE: WORK THIS SHEET WITH SHEET 10.

SPANS E-9 AND E-10			
CROSS SECTIONS			
SCALE	No Scale	NO. 2-2811-2	DATE 1951-12-12
BRIDGE No. 34-04		DRAWING No. M389-A-11	

Section B-B 6'-5 1/2" 1'-10" 4'-10" 4'-10"
 Section C-C 6' 4'-5 1/2" 6' 4'
 Section D-D 5'-4 1/2" 4'-1 1/2" 6' 4'

Section B-B 00 6' 4" 6' 4" 6' 4"
 Section C-C 10 11 1/2" 11 1/2" 11 1/2"
 Section D-D 3 1/2" 6' 4" 6' 4" 6' 4"

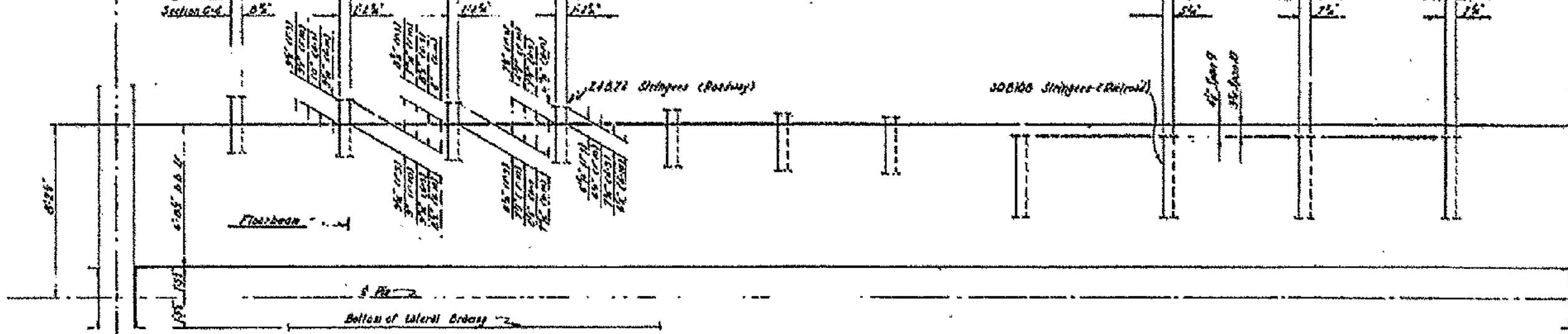


SECTION B-B
 C-C
 D-D

AS BUILT
 CORRECTIONS BY _____
 CONTRACT NO. _____
 DATE _____

Section F-F 4'-3 1/2" 4'-3 1/2" 4'-10" 4'-10"
 Section G-G 5'-0 1/2" 4'-1 1/2" 6' 4'

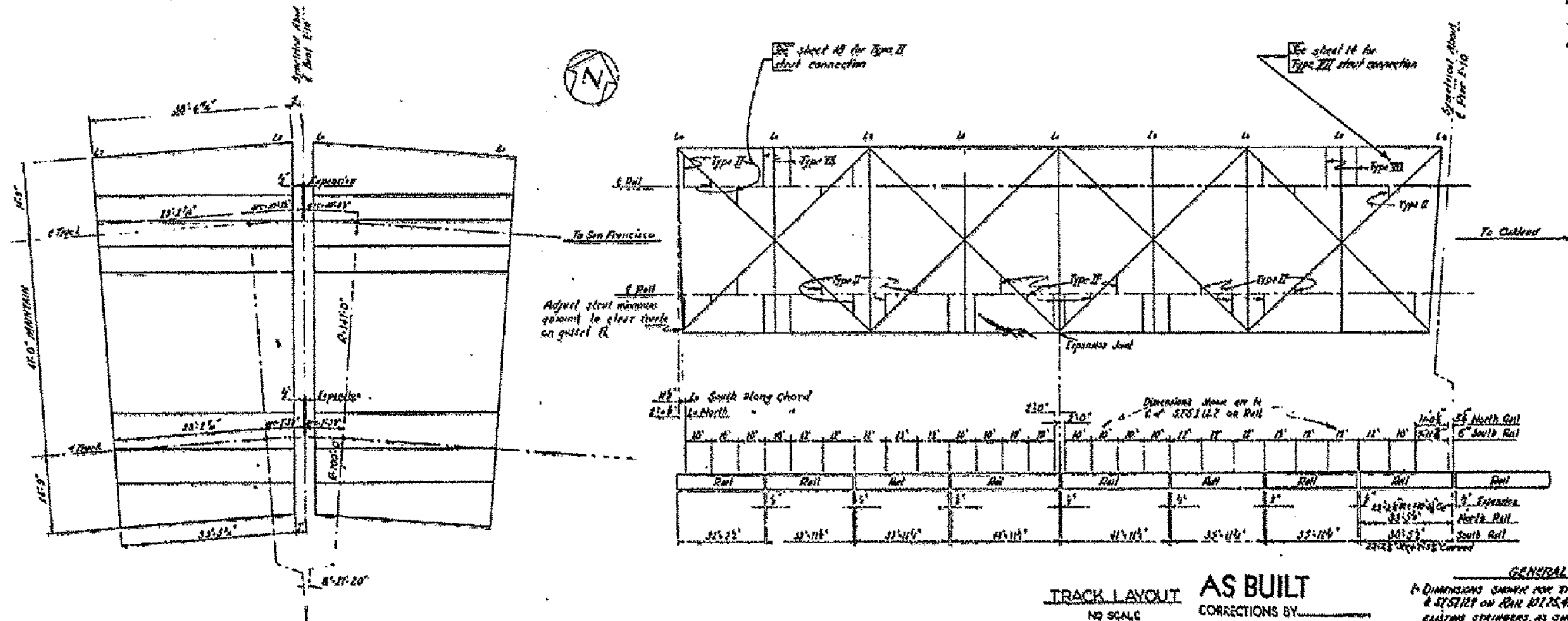
Section F-F 11 1/2" 7 1/2" 7 1/2" 7 1/2"
 Section G-G 8 1/2" 11 1/2" 11 1/2" 11 1/2"



SECTION F-F
 G-G

NOTE: READ THIS SHEET WITH SHEET 10.

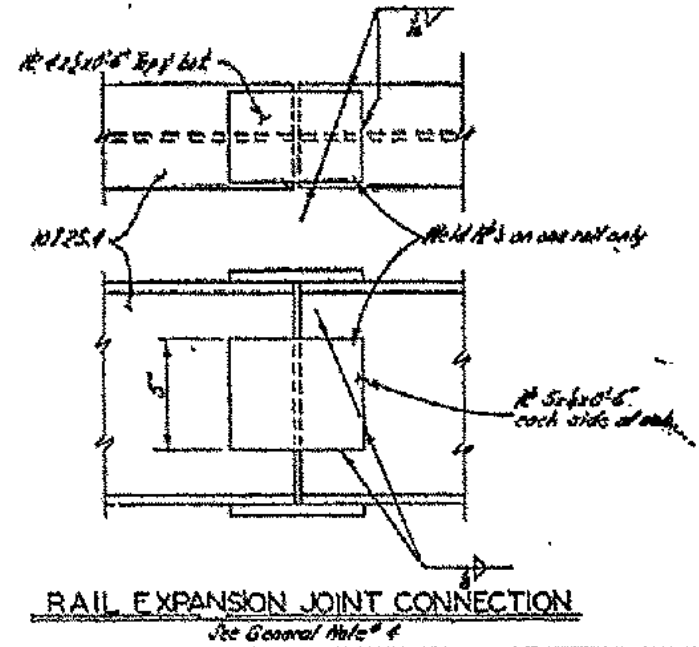
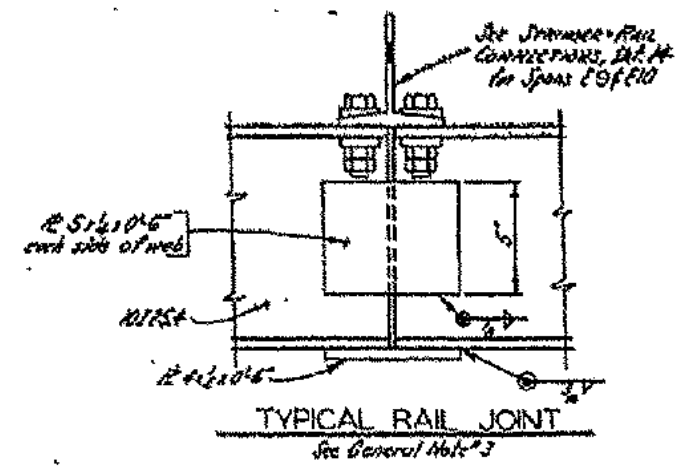
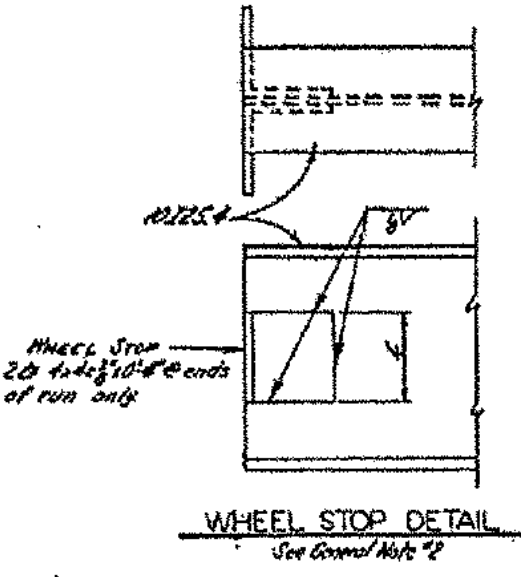
SPANS E-9 AND E-10	
CROSS-SECTIONS	
SCALE: NO SCALE	DESIGNED BY: _____
INDEX NO. 34-04	DATE: 1931
	DRAWING NO. M389-A-12



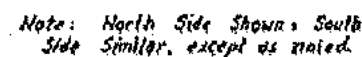
DETAIL OF CURVED TRACK SECTION
NO SCALE

TRACK LAYOUT
NO SCALE
AS BUILT
CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

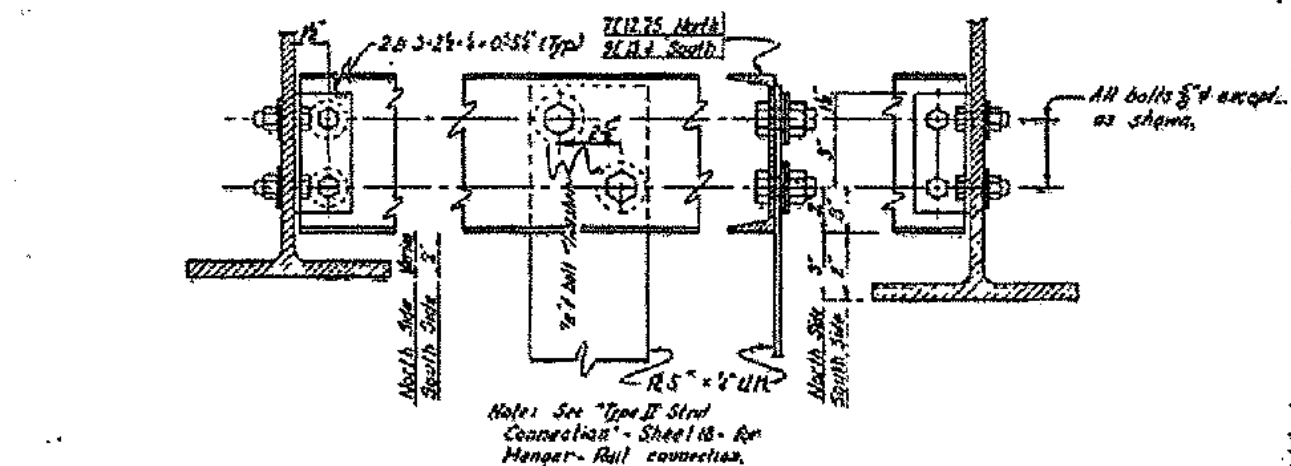
- GENERAL NOTES**
1. DIMENSIONS SHOWN FOR TRACK LAYOUT ARE TO BE SET ON RAIL JOINTS. CHANGES BETWEEN EXISTING STRINGERS, AS SHOWN ON SHEETS 14 & 15, MUST BE MADE TO COMPENSATE FOR EXISTING GRADE GRADA AT EXISTING LOCATION ALLOWING HANGER #3 1/2" (10" TO HANG VERTICAL).
 2. Wheel Stop Detail shown is typical of Piers E9/E10, Piers E11/E12, Piers E13/E14 and Piers YB1/YB2.
 3. Rail Joint Detail shown is typical of the Rail Hanger at panel pt L1, L2 & L3 and the Rail Hanger at panel pt L5, L6 & L7 in spans E9/E10 and spans YB1, YB2, YB3 & YB4.
 4. Rail Expansion Joint Connection is typical of panel pt L4 spans E9/E10 and Piers E11, panel pt L1, L2 & L3 spans E11/E12 and Piers E13, E14, E15/E16 and panel pt L4 spans YB1, YB2, YB3 & YB4 and Piers YB1, YB2, YB3 & YB4.
 5. All dimensions to be verified in field.



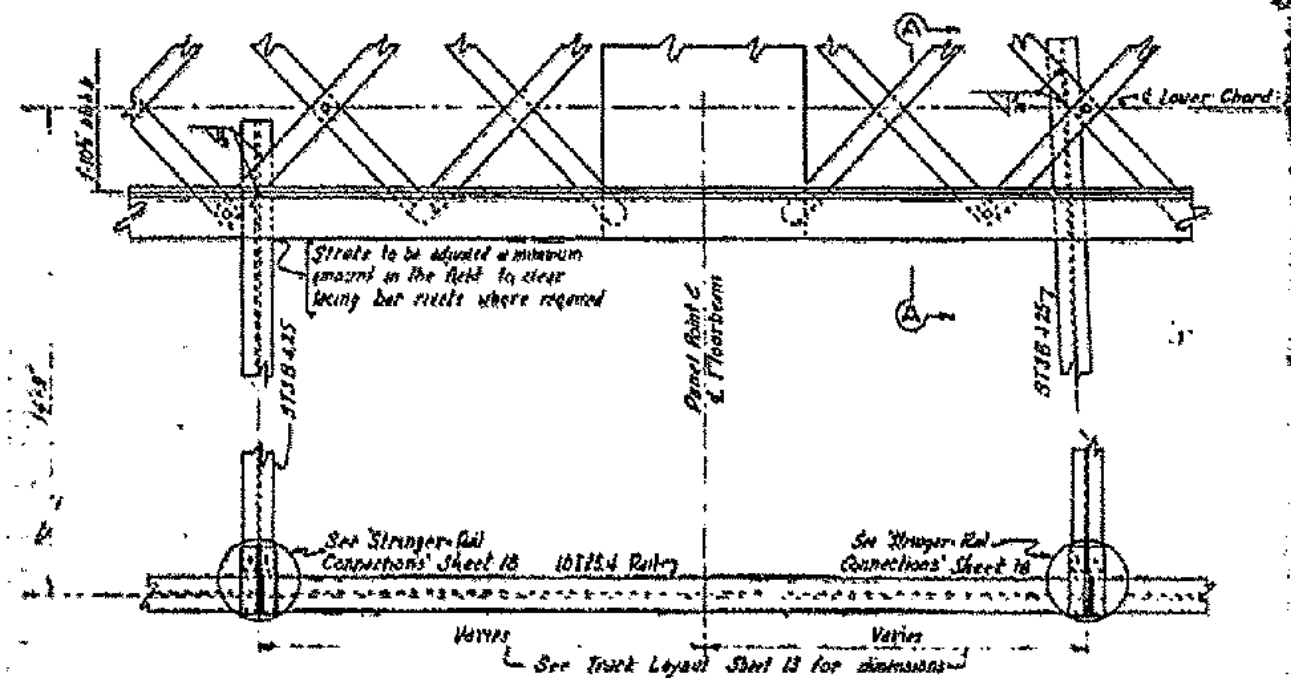
EAST BAY LOWER DECK TRAVELER			
SPANSE 9 & E-10 TRACK LAYOUT			
SCALE	3" = 1'-0"	DATE	11/19/61
PROJECT NO.	34-04	DRAWING NO.	M-389A-13



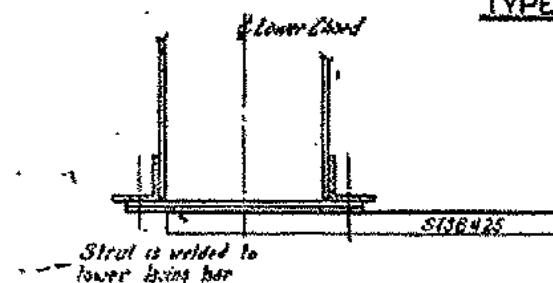
TYPE 'B' STRINGER-RAIL CONNECTION
Scale: 3" = 1'-0"



TYPE 'A' STRINGER-RAIL CONNECTION
No Scale



TYPE VII STRUT CONNECTION
Scale: 1" = 0'

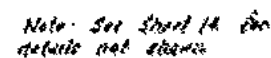


SECTION A-A
Scale: 1"=10'

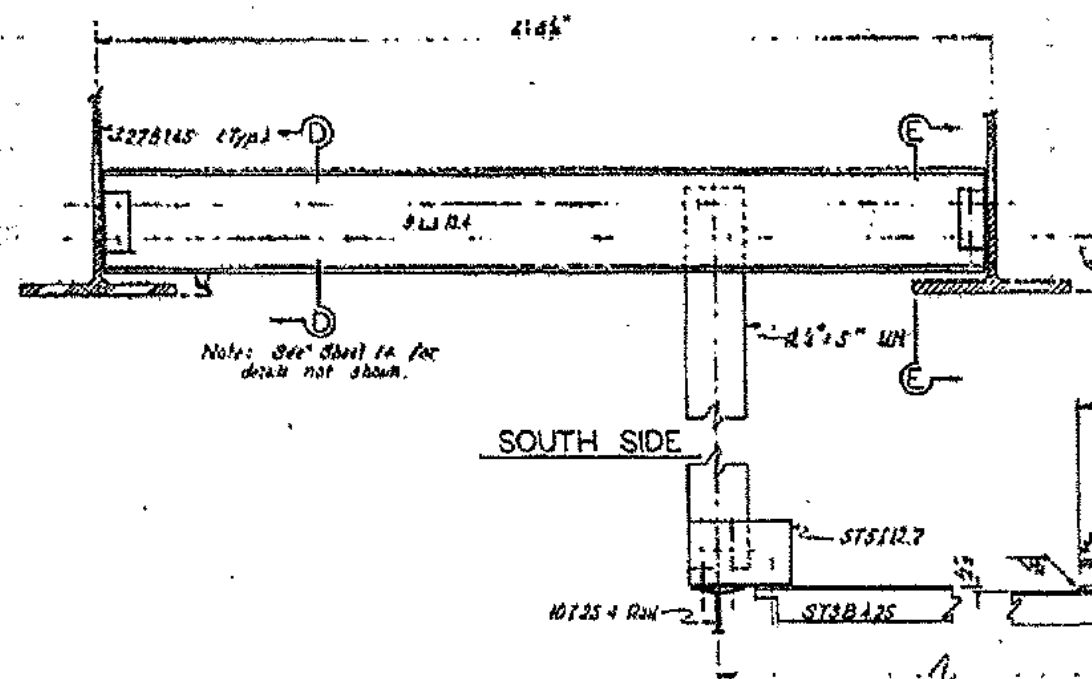
AS BUILT

CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

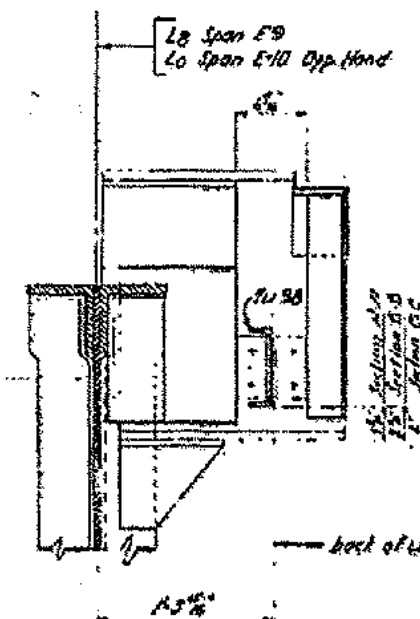
EAST BAY LOWER DECK TRAVELER RAIL CONNECTIONS SPANS 9 & 10 & TYPE VIII STRUT CONNECTION	
SCALE As NOTED	1960 9-6-11-31 DATE 1961
WROTE No. 34-04	DRAWING No. M-389-A-14



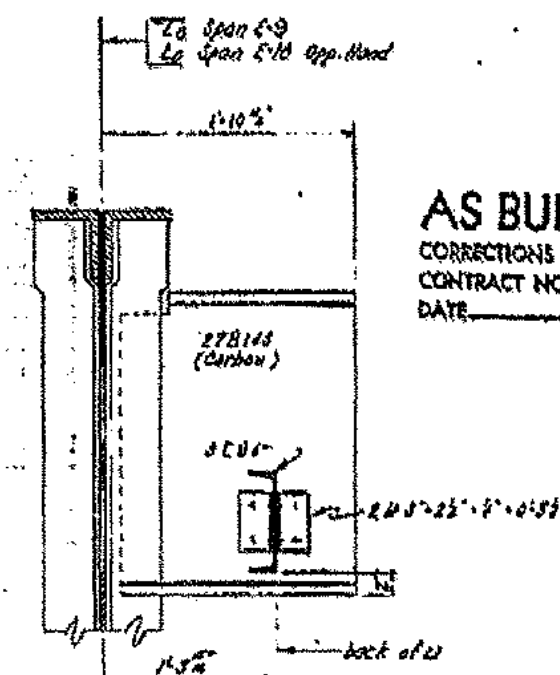
NORTH SIDE



SOUTH SIDE



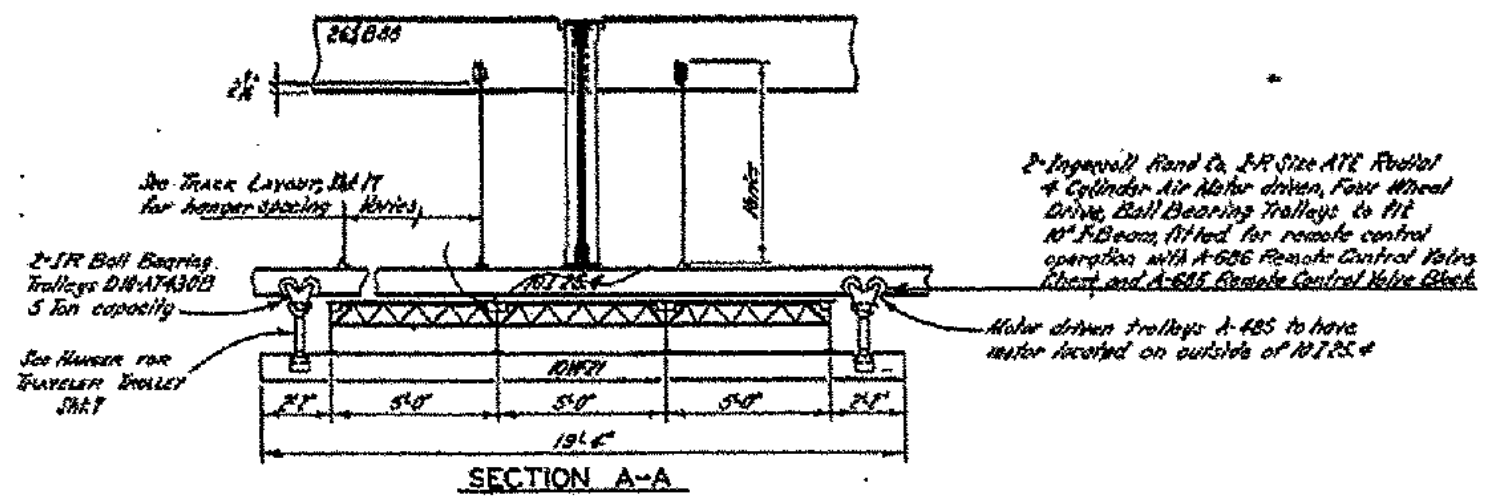
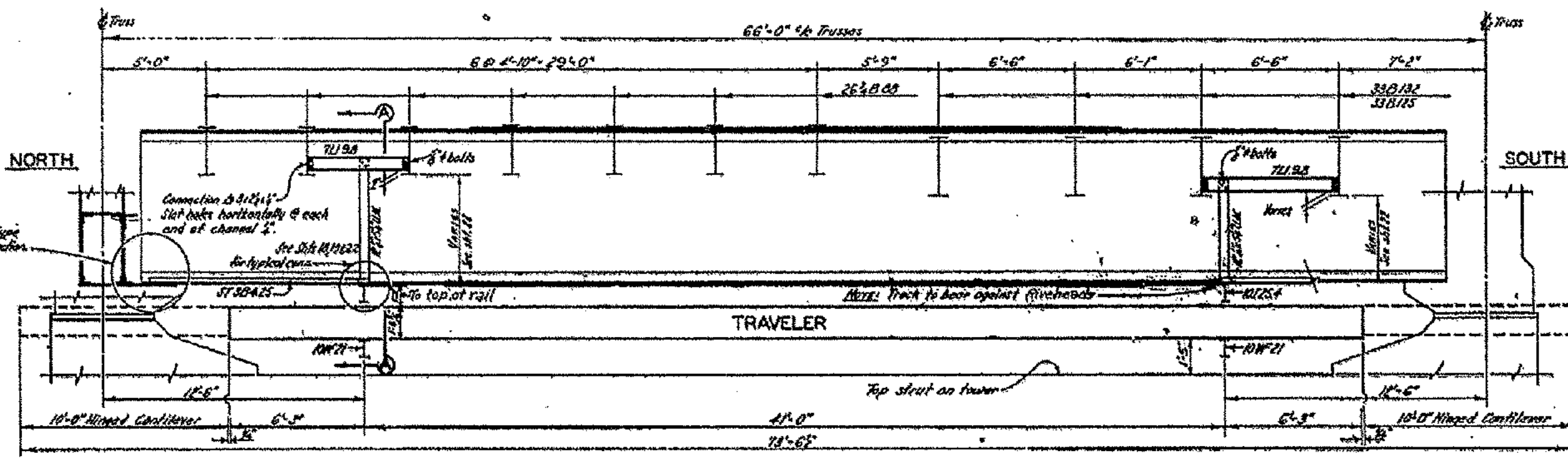
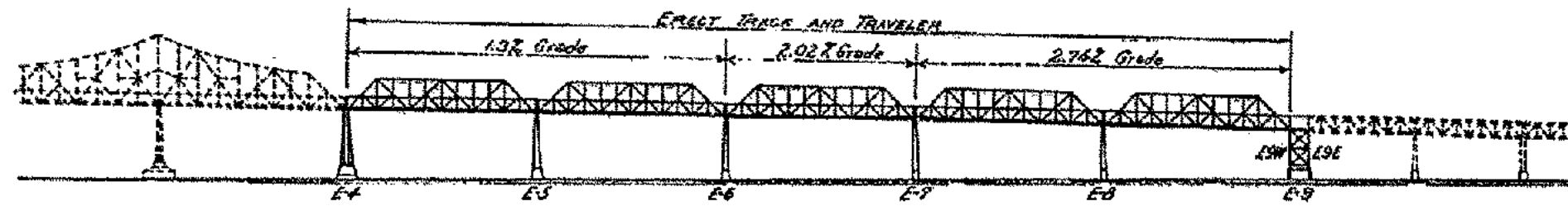
SECTION A-A
B-B
C-C Opp. Hand



AS BUILT
CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

SECTION D-D
• E-E Opp. Hand

EAST BAY LOWER DECK TRAVELER	
RAIL CONNECTIONS PIER 10	
SCALE $1\frac{1}{2}" = 1'-0"$	SHEET 1 OF 1
BRIDGE NO. 34-04	DATE 12-51
DRAWING NO. M389-A-15	



AS BUILT
CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

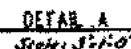
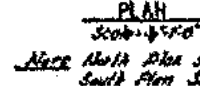
SPANS E-4 TO E-9W			
— GENERAL CROSS-SECTION —			
SCALE	1" = 1'-0"	DATE	1961-10-15
DRAWING NO.	34-04	DRAWING NO.	M-389216

SAN FRANCISCO-OAKLAND BAY BRIDGE

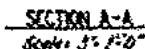
Product Name	Brand	Price
1. <u>1/2 lb. Ground Beef</u>	<u>AA</u>	<u>0.99</u>
2. <u>1/2 lb. Ground Beef</u>	<u>DD</u>	<u>1.49</u>
3. <u>1/2 lb. Ground Beef</u>	<u>BB</u>	<u>1.49</u>
4. <u>1/2 lb. Ground Beef</u>	<u>AA</u>	<u>1.49</u>
5. <u>1/2 lb. Ground Beef</u>	<u>AA</u>	<u>1.49</u>
6. <u>1/2 lb. Ground Beef</u>	<u>AA</u>	<u>1.49</u>

7. 1/2 lb. Ground Beef
 8. 1/2 lb. Ground Beef
 9. 1/2 lb. Ground Beef
 10. 1/2 lb. Ground Beef



[illegible]

1 1/2" from a lg. Post Ed
1 1/2" from a lg. Post Ed
Nord: Elev. difference
between top of existing
cassett & E rail.



Lateral bracing bottom #

See Detail E 100 Sheet

PLAN

Scale: 1/4" = 10'

PLAN
Scale: 1/4" = 1'-0"



VIEW B-B
Scale: 3/4"=1'-0"

PLAN



DETAIL C
Scale: 1/2" = 1'-0"

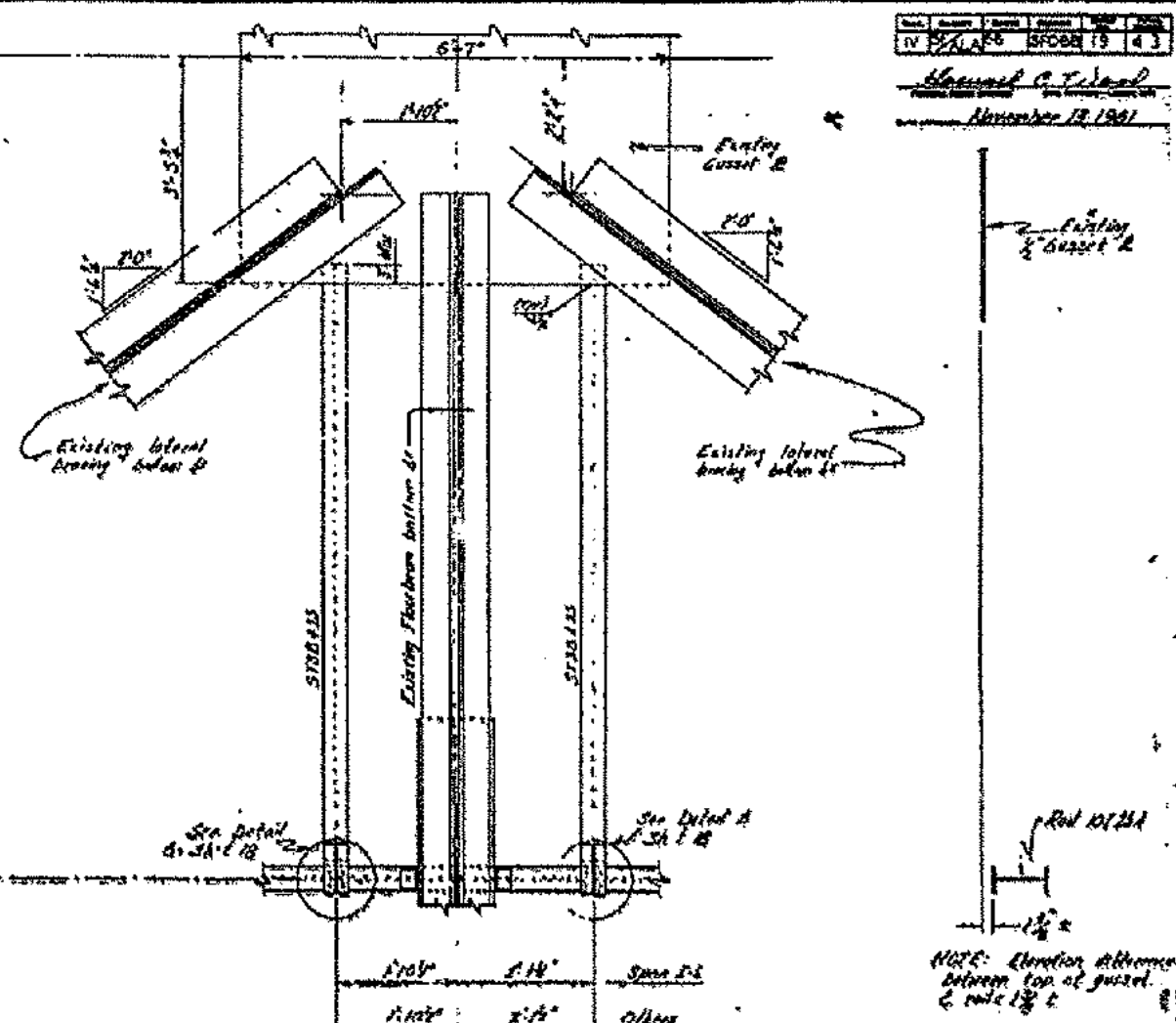
GENERAL NOTES

1. Blank the sheet with sheet No. H-504-A-11
2. North Street plane shown. South side - similar
3. All bolts 5/8" unless otherwise noted.

AS BUILT

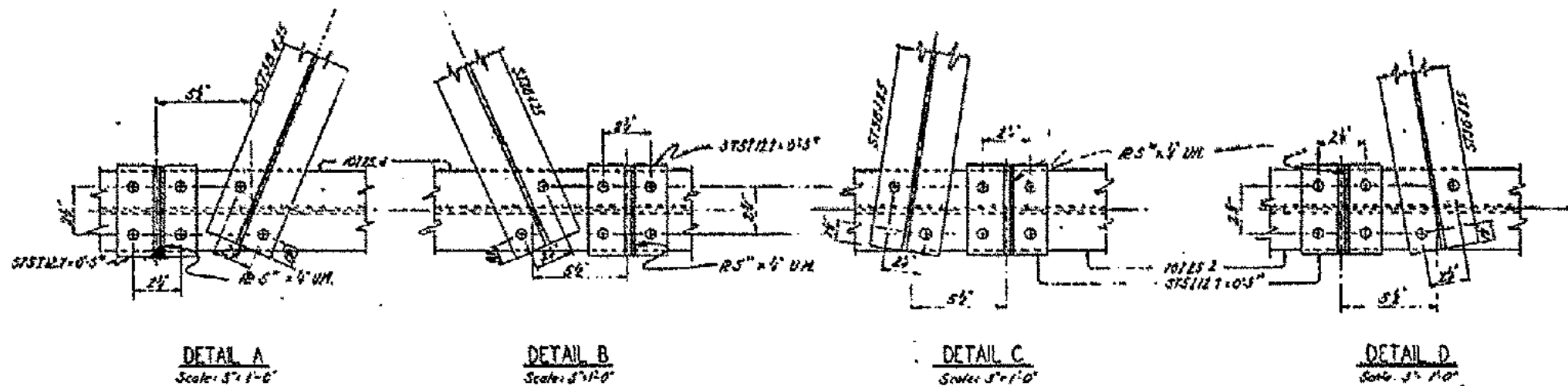
CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

EAST BAY LOWER DECK TRAVELER	
STRUT CONNECTIONS—TYPE I&II	
SCALE AS NOTED	ISS. BY: 24101-208-N DATE: 11-4-81
BRIDGE No. 34-04	DRAWING No. M389-A-18



Scale: $\frac{1}{4}$ in = 1' 0"

Scale: 1/4" = 1'-0"

$$S_{\text{tot}} = 4^1, 4^2, 0^1$$


DETAIL A
Scale: 3" = 1'-0"

DETAIL B
Scale: 3"=1'-0"

DETAIL C
Slopes 3" x 12"

DETAIL D
Sole 3 1/2" x 4"

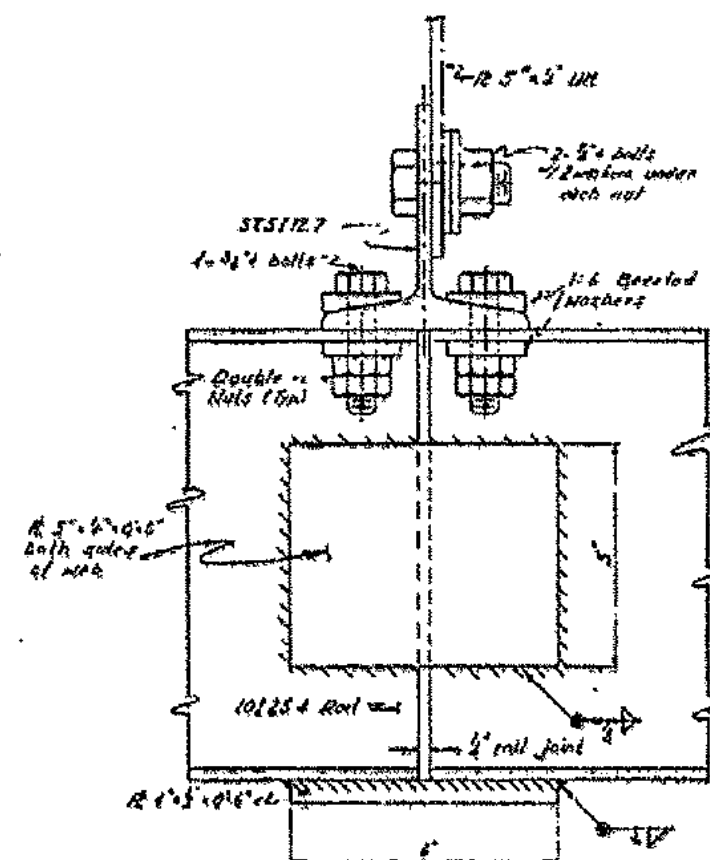
GENERAL NOTES:
1-Boils for 35512.7 to 225" 1/2 to be 2 1/2" 1/2 washed and cut
2-Boils for 35512.7 to rail 22125.4 to be 2" 1/2 beveled
washed or reg'd. and double nuts
3-Boils for 35512.7 to rail 22125.4 to be 2" 1/2 beveled
and cut washed or reg'd.
4-Work this sheet with Sheet 17.

AS BUILT

CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

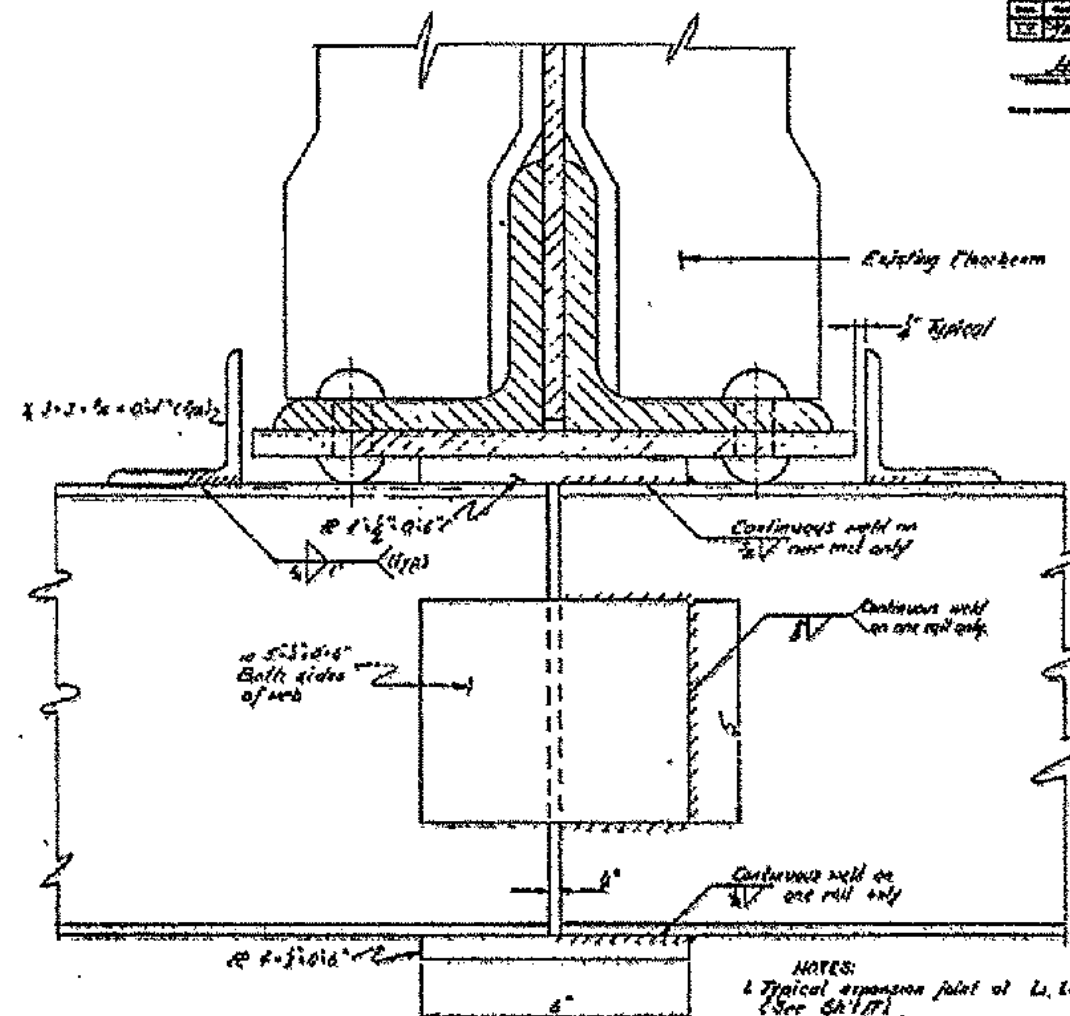
NOTE - See "Typical Bolt Joint," Sh. 20
for longer sleep connections.

EAST BAY LOWER DECK TRAVELER	
STRUT CONNECTIONS-TYPE III, IV & V	
SCALE AS NOTED	1"=8' 1"=10' 1"=12' 1"=14' 1"=16' DATE: 5-81
SPROUSE No. 34-04	DRAWING No. M-389-A-B



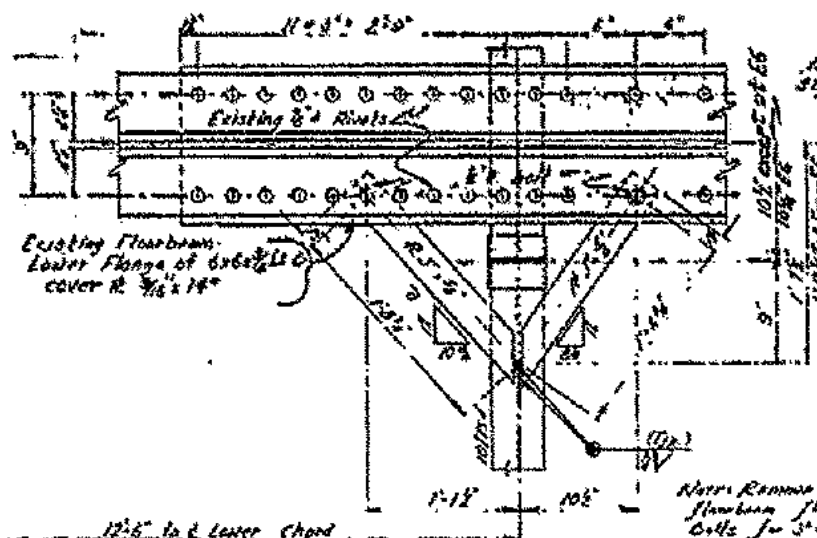
NOTE
Typical rail joint at east end of
of L₁, L₂, L₃ & L₄ out of the west
hangers of L₁, L₂, L₃ & L₄.

TYPICAL RAIL JOINT
Scale: 2" = 1'-0"



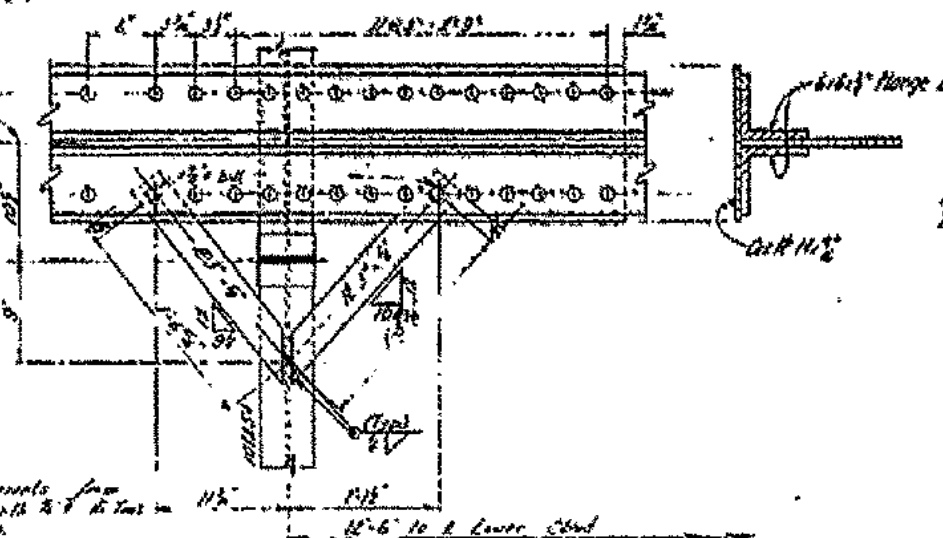
NOTES:
1. Typical expansion joint at L₁, L₂ & L₃.
(See Sht. 17)
2. L₁, L₂, L₃ & L₄ to be at each interval
of rail & floorbeam.
3. Typical for spans L₁ to L₄ only.

TYPICAL EXPANSION JOINT
Scale: 2" = 1'-0"



PANEL POINT L₀ NORTH
Scale: 1" = 1'-0"

TYPE VI STRUT CONNECTION



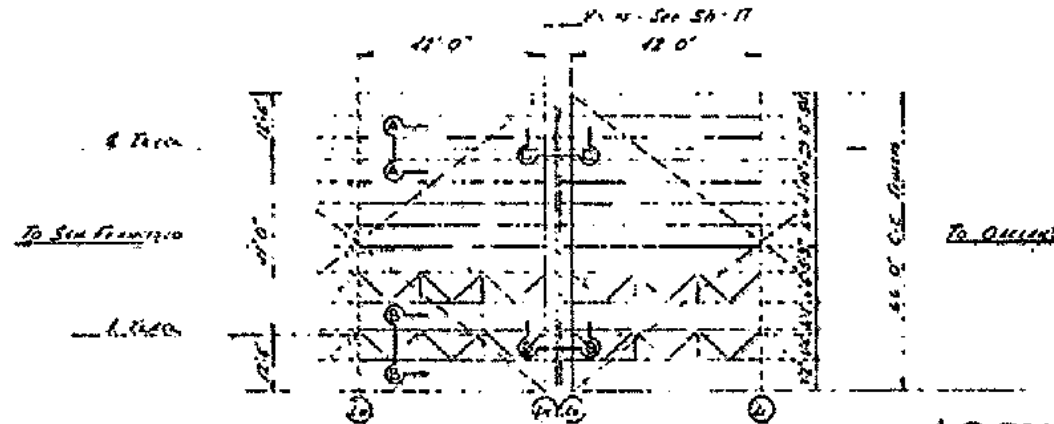
PANEL POINT L₀ SOUTH
Scale: 1" = 1'-0"

GENERAL NOTES
1. Work this sheet with sheet 17
2. Strut connection at L₀ shown
connection at L₀ shown work
with Sht. 17

AS BUILT

CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

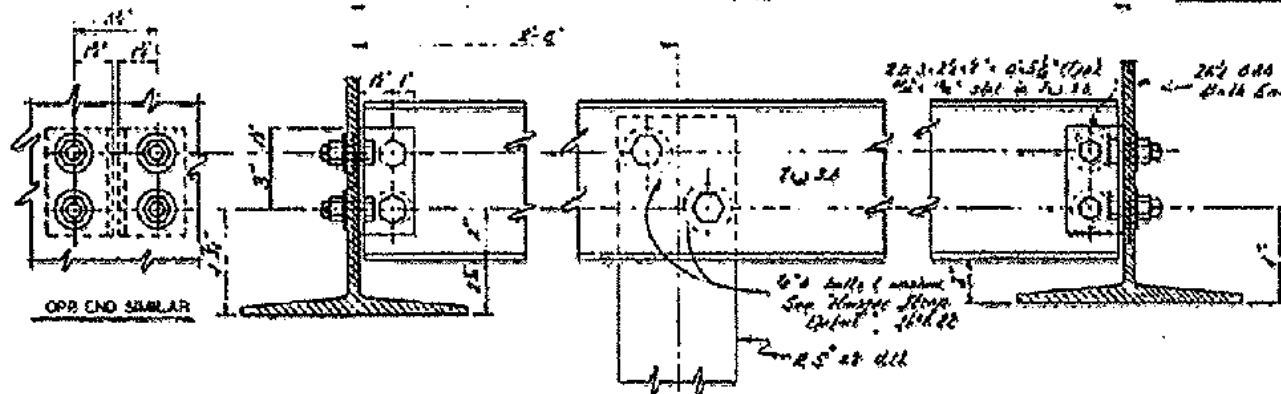
EAST BAY LOWER DECK TRAVELER	
RAIL JOINT DETAILS ^N ₀	
TYPE VI STRUT CONNECTION	
SCALE AS NOTED	DATE 11/18/50
BRIDGE NO. 34-04	DRAWING NO. M389A-20



TYPICAL PLAN PIERS E-5 TO E-8

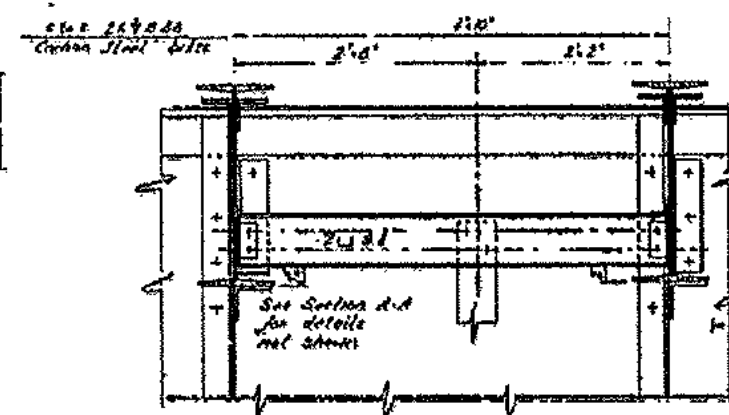
AS BUILT

CORRECTIONS BY
CONTRACT NO.
DATE



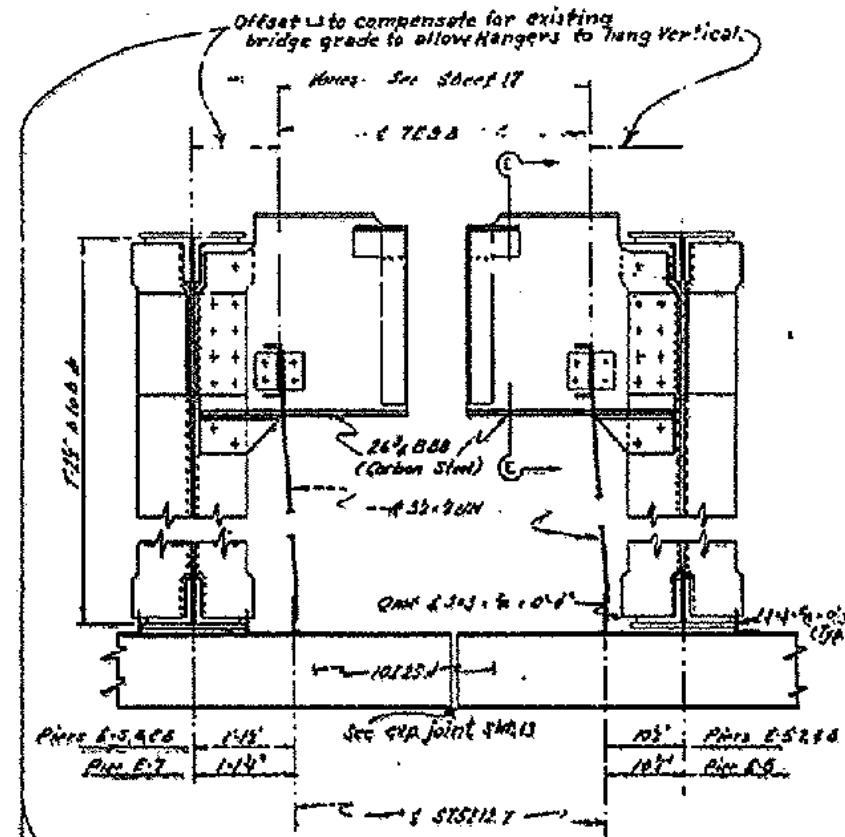
SECTION A-A

Scale: 3/4" = 1'-0"



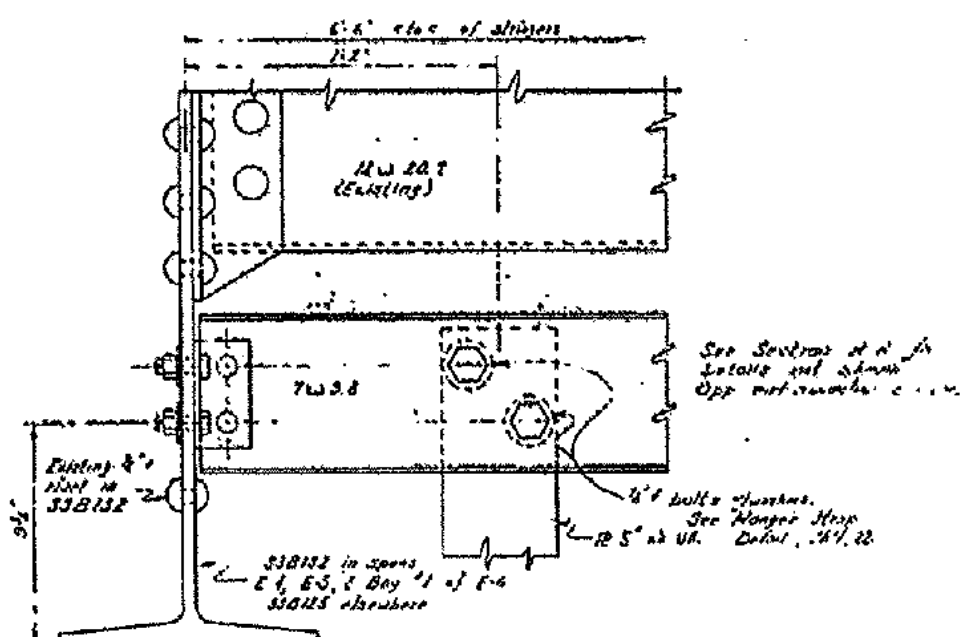
SECTION E-E

Scale: 1/2" = 1'-0"



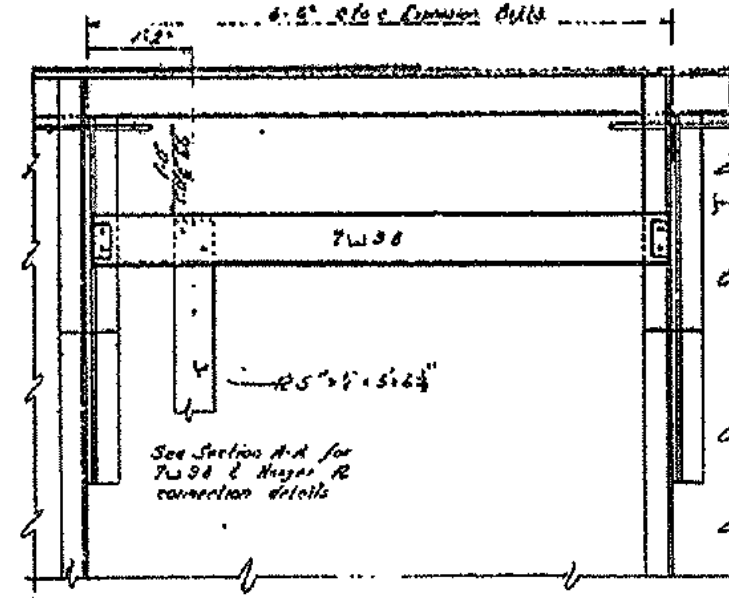
SECTION C-C

Scale: 1/2" = 1'-0"



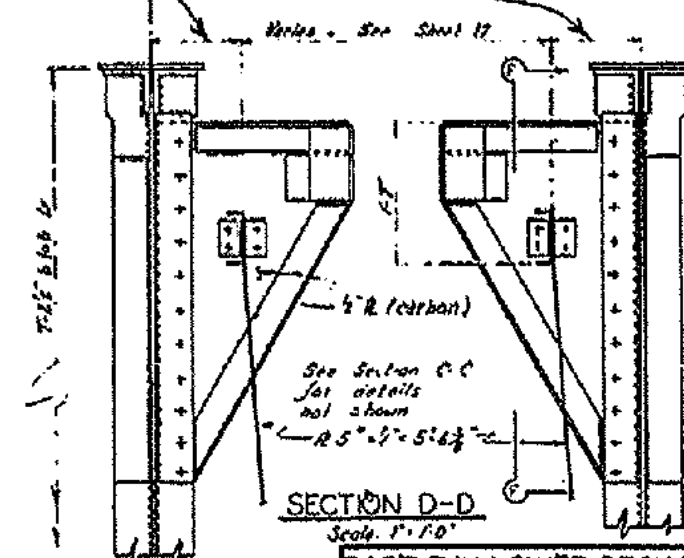
SECTION B-B

Scale: 3/4" = 1'-0"



SECTION F-F

Scale: 1/2" = 1'-0"



SECTION D-D

Scale: 1/2" = 1'-0"

EAST BAY LOWER DECK TRAVELER

HANGER PLATE CONNECTIONS

SCALE AS NOTED 1980 DEC 21 11-4

DATE 1981

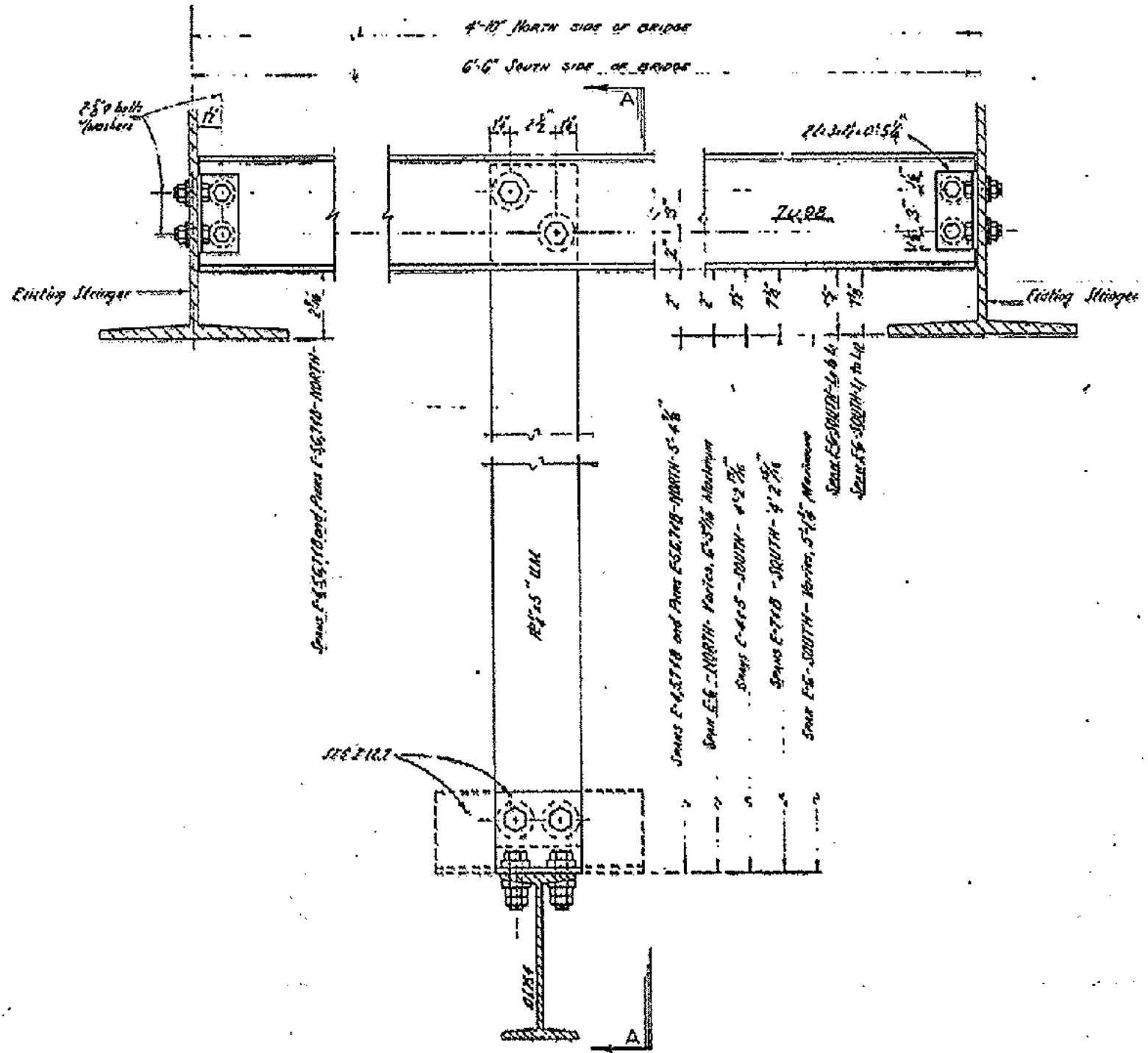
BRIDGE NO. 34-04 DRAWING NO. M389A-21

All bolts 5/8" unless
under each nut unless
otherwise noted.

November 12, 1961

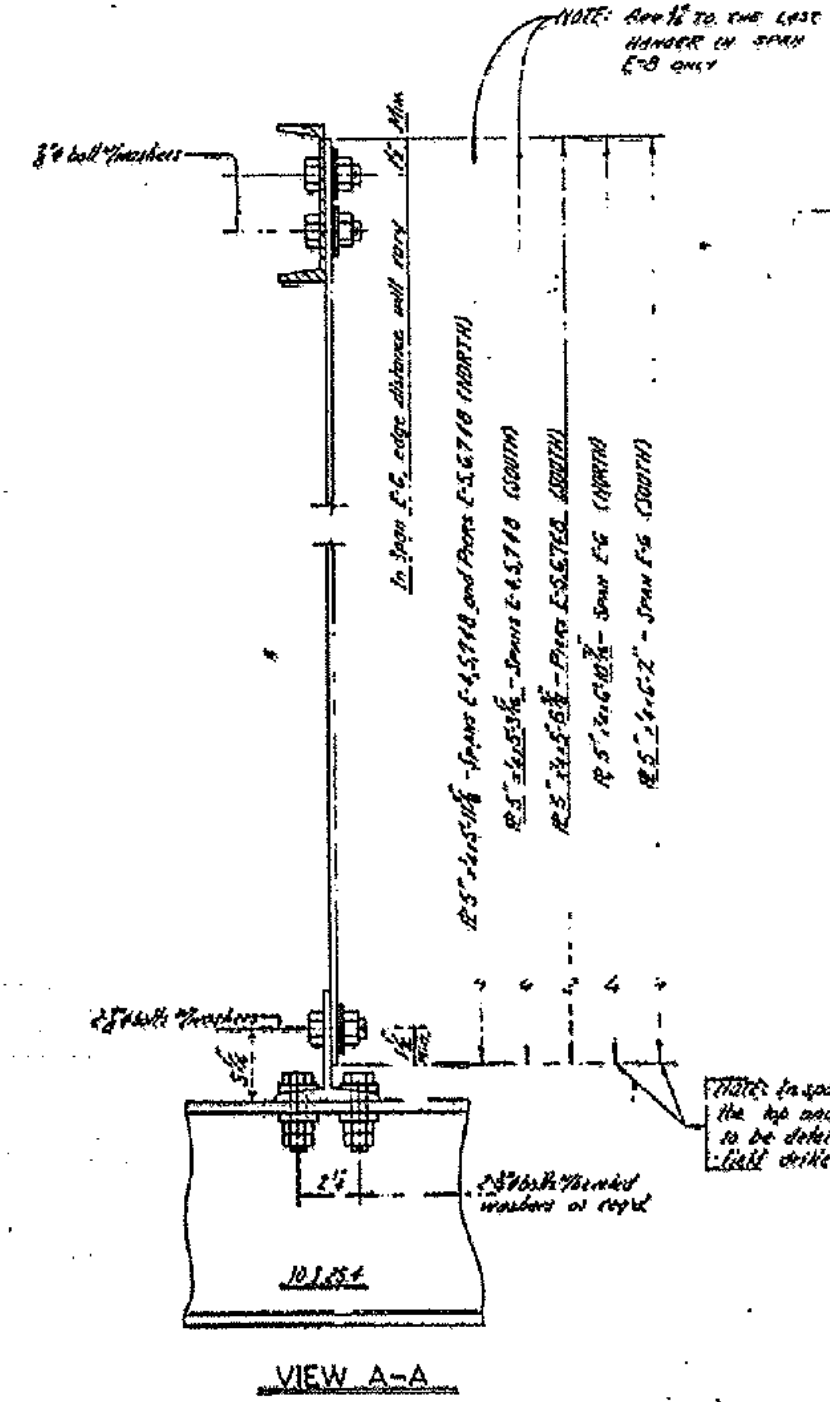
SAN FRANCISCO-OAKLAND BAY BRIDGE

DATE	11/12/61
BY	W. J. ...
CHECKED BY	...
APPROVED BY	...



NOTES
 Existing stringers - NORTH -
 26 1/2 BBS (Carbon) Spans E-4, 5, 6, 7, 8 and 26 1/2 BBS (Carbon) at Piers E-5, 6, 7, 8
 Existing stringers - SOUTH -
 33 BBS (Carbon) Spans E-4, 5 and 40 lbs Span E-6
 33 BBS (Carbon) 40 lbs Span E-6 and Spans E-7, 8

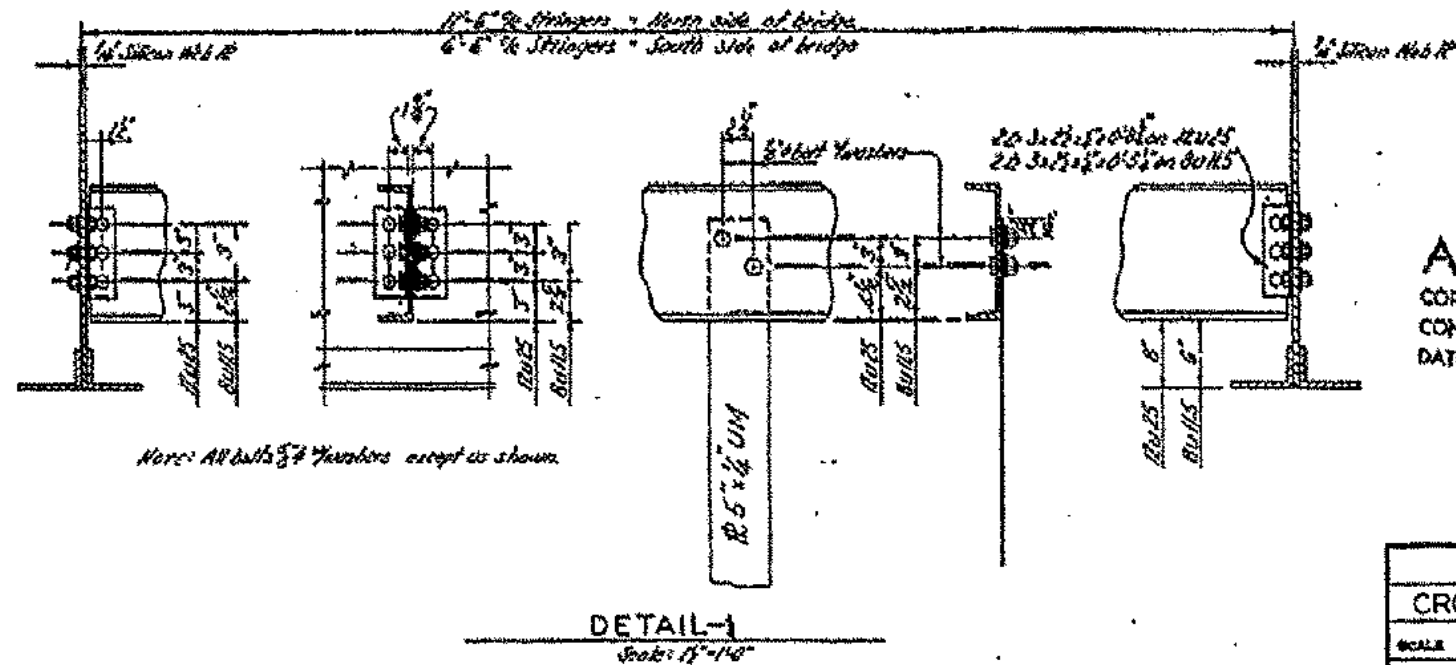
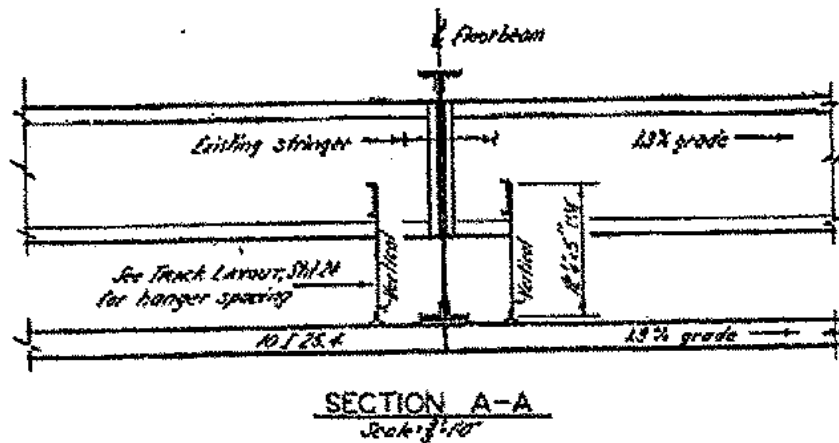
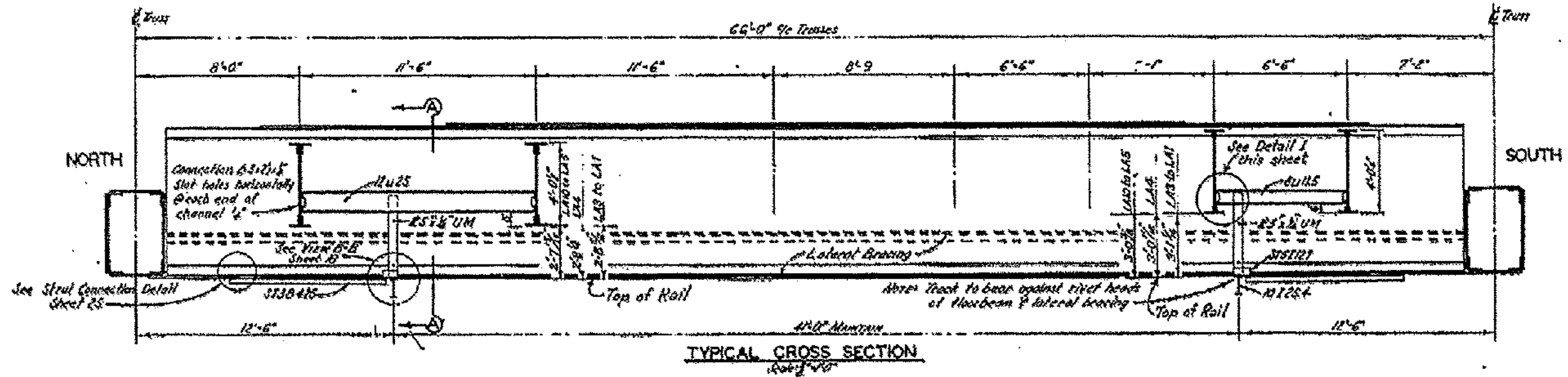
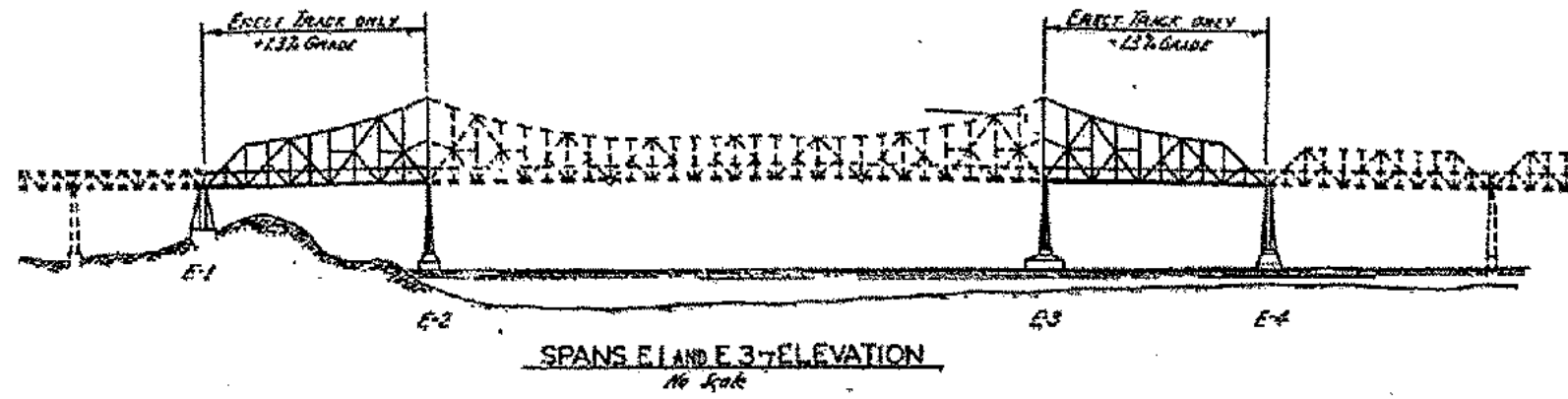
HANGER STRAP DETAIL



NOTE: In span E-6, the distance between the top and bottom holes for the 3\"/>

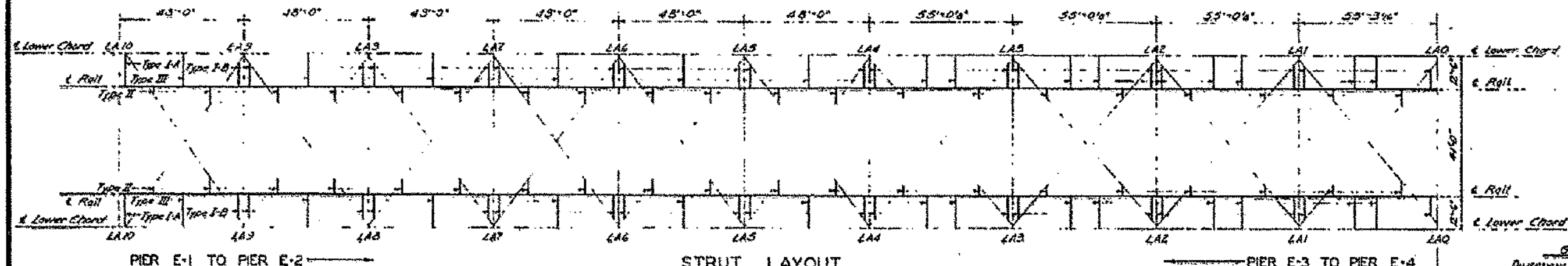
AS BUILT
 CORRECTIONS BY _____
 CONTRACT NO. _____
 DATE _____

EAST BAY LOWER DECK TRAVELER	
SPANS E 4 THRU E 8 HANGER R's	
SCALE 3" = 1'-0"	DATE 11/12/61
BRIDGE NO. 34-04	DRAWING NO. M389-A22



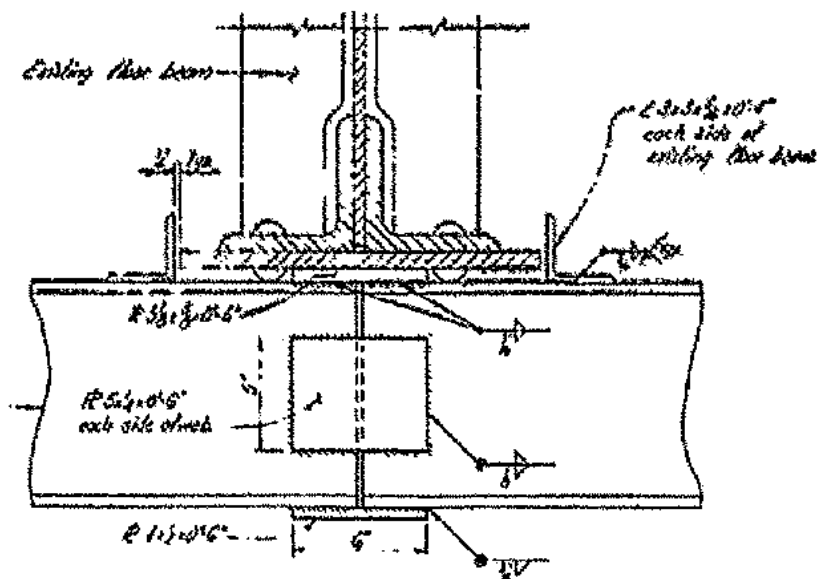
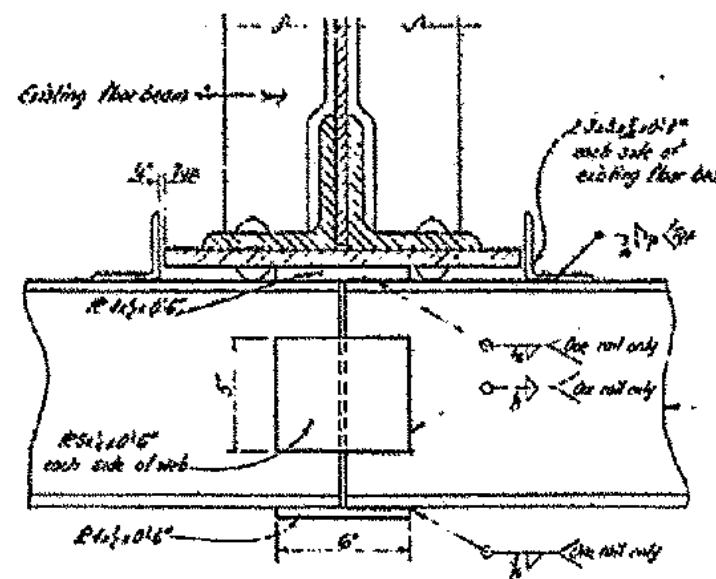
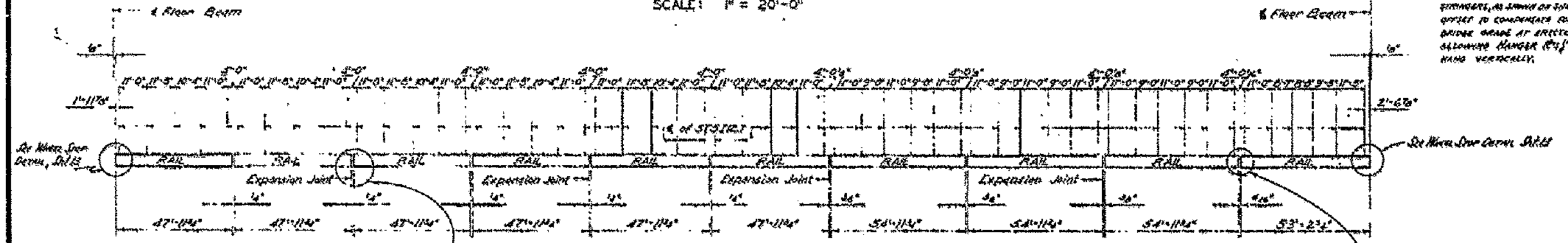
AS BUILT
 CORRECTIONS BY _____
 CONTRACT NO. _____
 DATE _____

SPANS E-1 AND E-3	
CROSS-SECTION AND DETAIL	
SCALE: As Noted	DATE: 1991
BRIDGE No. 34-04	DRAWING No. M369A-23



GENERAL NOTE

DIMENSIONS SHOWN FOR RAIL AND HANGER LAYOUT, THIS SHEET ARE TO BE SET OUT ON RAIL 101254, CHAINED BETWEEN EXISTING TIMBERING, AS SHOWN ON SHEET 28, MUST BE SET TO COMPENSATE FOR EXISTING BRIDGE GRADE AT ERECTION LOCATION ALLOWING HANGER 101254 TO HANG VERTICALLY.

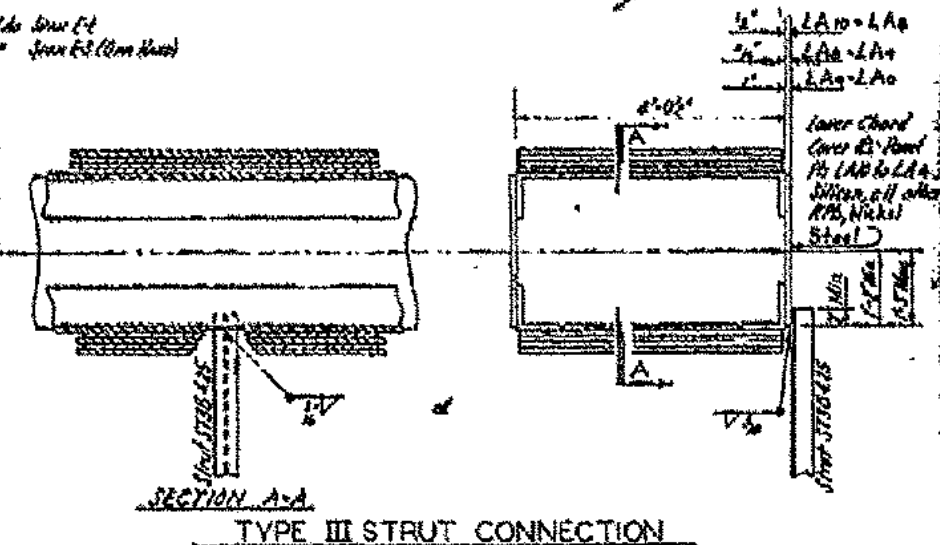
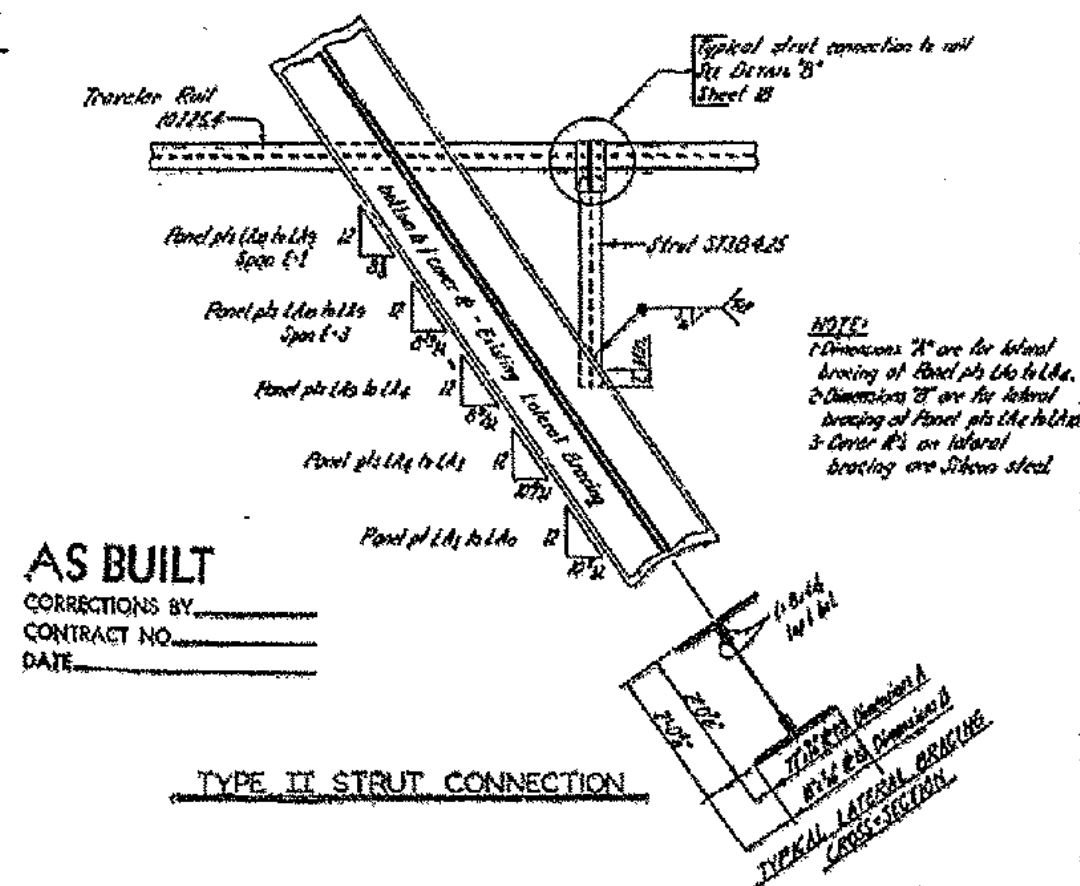


AS BUILT
CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

SPANS E-1 AND E-3	
TRACK LAYOUT & RAIL JOINTS	
SCALE: As Noted	DATE: 11/13/61
BRIDGE No. 34-04	DRAWING No. M369A-26

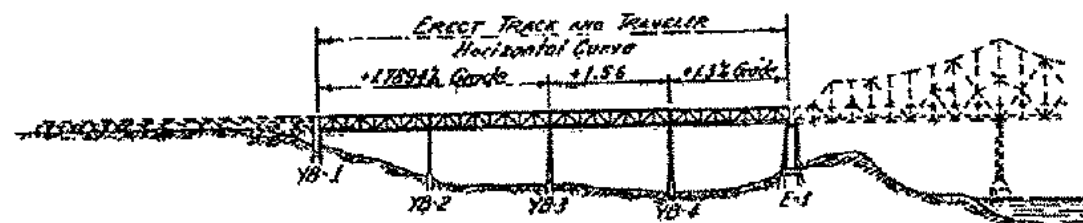
SAN FRANCISCO-OAKLAND BAY BRIDGE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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GENERAL NOTES
1-Flows shown for North side of
Bridge only. Connections on South
side of Bridge similar.
2-Welds to Sillion steel shall be
with E 6016 Low Hydrogen Electrode.

SPANS E-1 AND E-3	
STRUT TYPES AND CONNECTIONS	
SCALE $\frac{3}{4}" = 1'-0"$	EGG (E-M) DATE 1/96/
BRIDGE No. 34-04	DRAWING No. M389A23

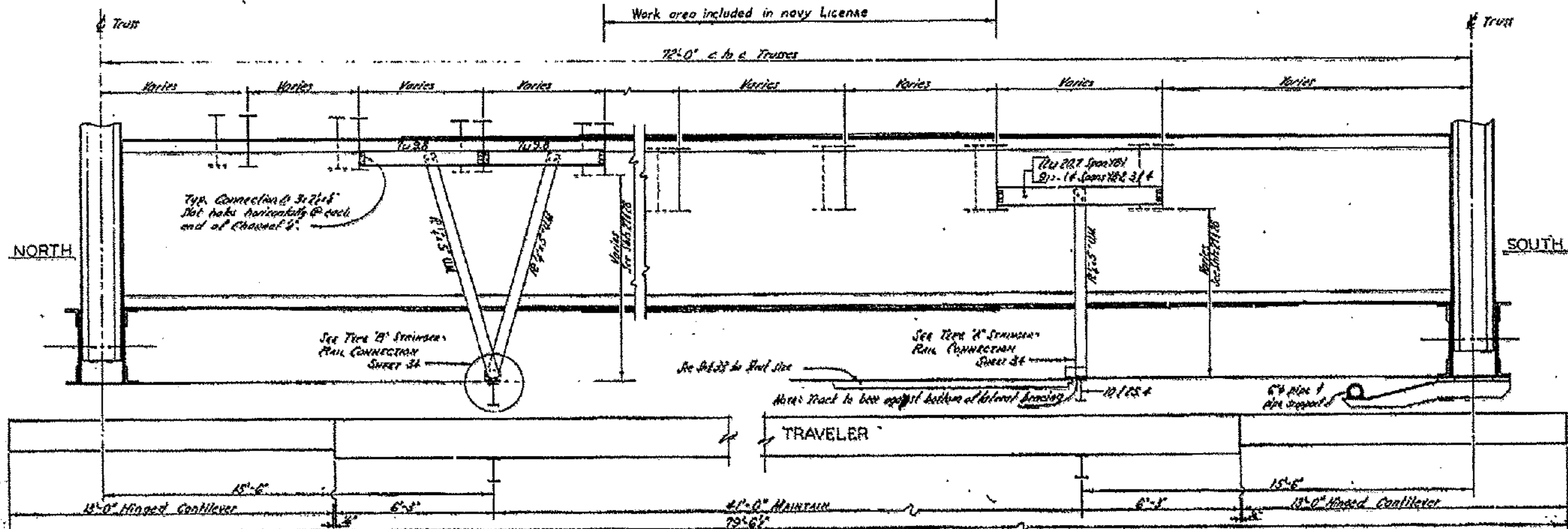


SPANS YB-1 TO E-1 ELEVATION

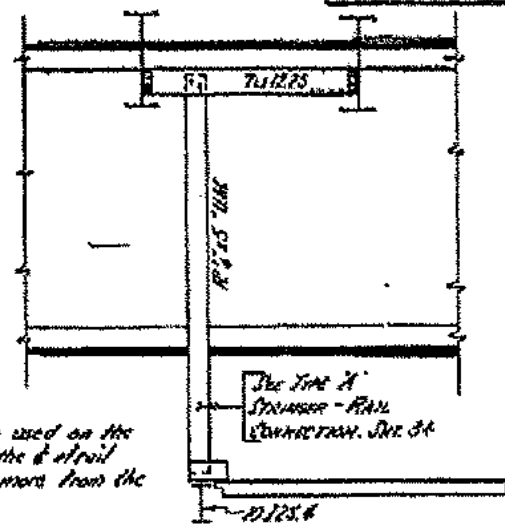
No Scale

Work area included in navy License

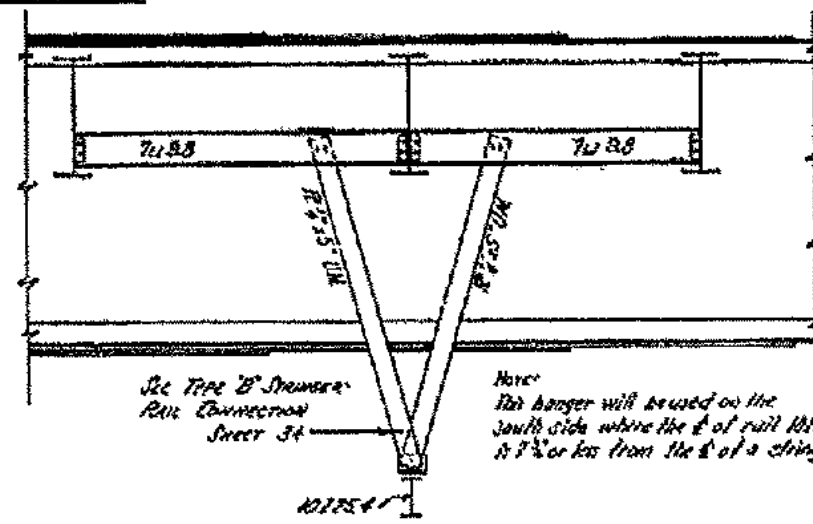
72'-0" c to c Trusses



TYPICAL SECTION - SPANS YB-1 TO E-1



Note:
This hanger will be used on the north side where the d of rail 101254 is 7" or more from the d of a stringer.



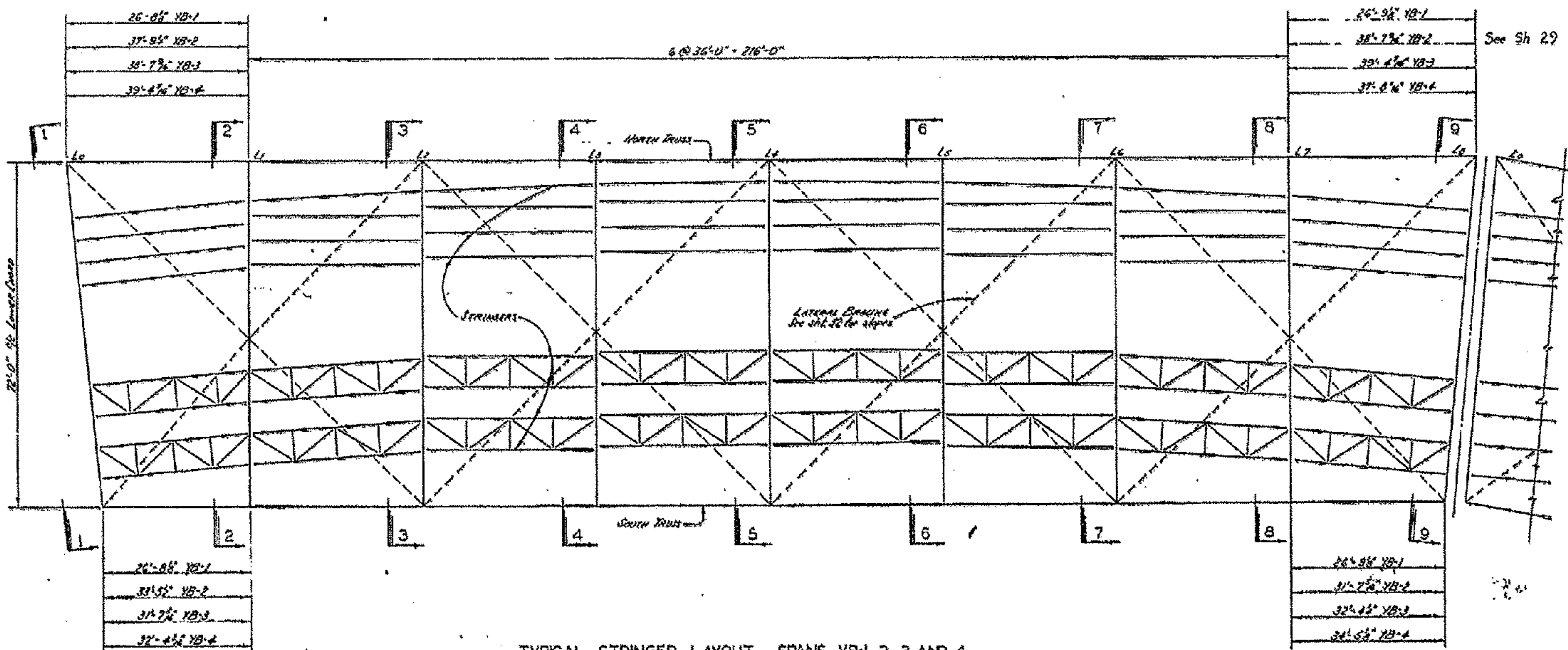
Note:
This hanger will be used on the south side where the d of rail 101254 is 7" or less from the d of a stringer.

AS BUILT

CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

SPANS YB-1, 2, 3 AND 4	
GENERAL CROSS SECTION	
SCALE 1/2" = 1'-0"	DATE 12-27-61
BRIDGE No. 34-04	DRAWING No. M-389A-26

SAN FRANCISCO-OAKLAND BAY BRIDGE



TYPICAL STRINGER LAYOUT— SPANS YB-1, 2, 3 AND 4

AS BUILT
CORRECTIONS BY: _____
CONTRACT NO. _____
DATE: _____

NOTE: WORK THIS SHEET WITH SHEET 28

SPANS YB-1, 2, 3 AND 4			
GENERAL PLAN			
SCALE	No Scale	1/8" = 1'-0"	DATE 7/55
BRIDGE No.	34-04	DRAWING No.	M-389A-27



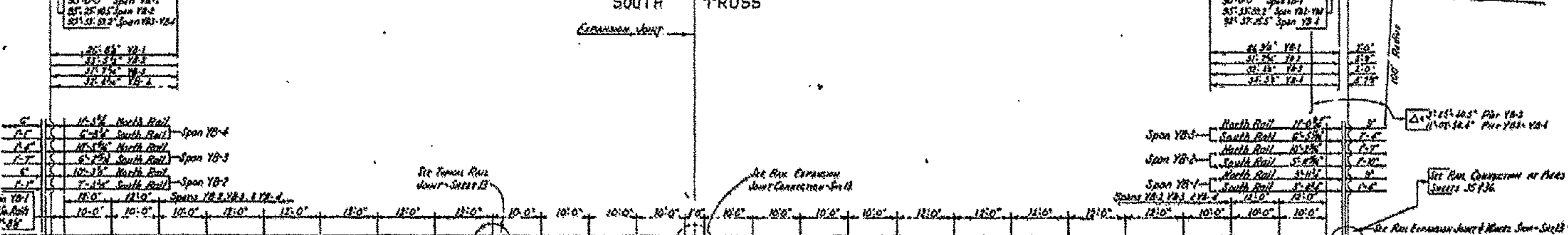
GENERAL NOTES

- 1-North side stringers are Wilson Street.
- 2-South " " Carbon Steel.
- 3-North Expansion Brackets:
 - Sec 9-2, Spans YB-1-YB-2 and
 - Sec 1-1, Spans YB-2-YB-3 are Wilson Steel.
- 4-All other Expansion Brackets Carbon Steel.
- 5-Walk this sheet with sheet XX.

CORRECTIONS BY _____
CONTRACT NO. _____

SCALE No SCALE	DATE 12-10-15
INFORM NO. 34-04	DRAWING NO. M-389A-28

SOUTH	TRUSS
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
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100	100



The diagram illustrates a cross-section of a bridge with multiple spans and rails. Key features include:

- Spans:** Labeled as Span YB-1, Span YB-2, Span YB-1, and Spans YB-3, YB-4, YB-5.
- Rails:** North Rail and South Rail are indicated for each span.
- Dimensions:**
 - Span YB-1: 11'-0" (North Rail), 6'-5 1/2" (South Rail).
 - Span YB-2: 10'-5 1/2" (North Rail), 5'-8 1/2" (South Rail).
 - Span YB-1: 11'-1 1/2" (North Rail), 5'-6 1/2" (South Rail).
 - Spans YB-3, YB-4, YB-5: 12'-0", 10'-0", 10'-0", 10'-0" respectively.
- Notes:**
 - Top right: $\Delta = 2.23 + 0.5$ For YB-3, $11.05 + 0.6$ For YB-4, YB-5.
 - Bottom right: Set Rail Connection at Deck Sweets 25 p. 36.
 - Bottom center: See Rail Connection South & North Span - Sweets

[illegible]

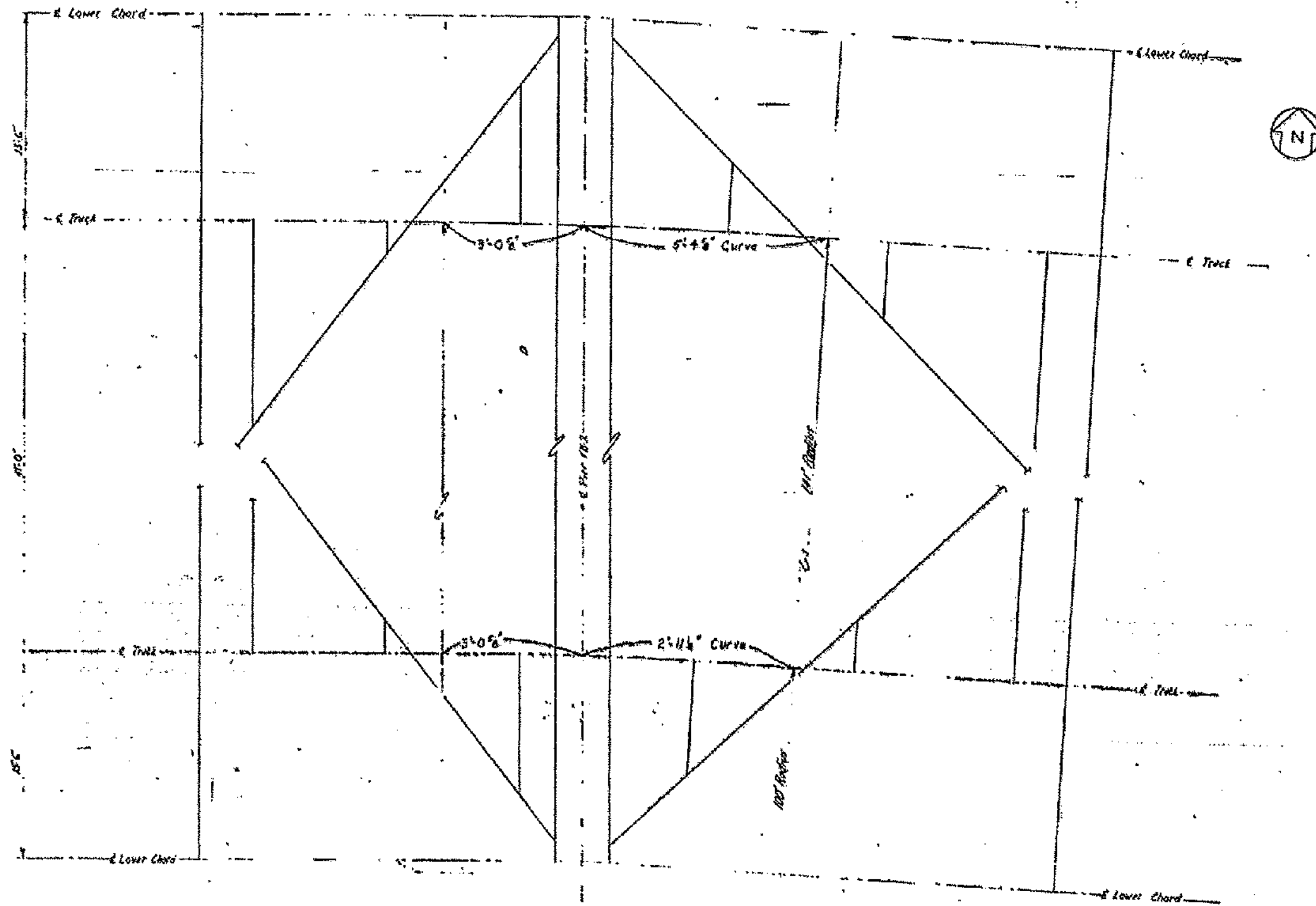
GENERAL NOTE
1-DIMENSIONS SHOWN ON THIS SHEET ARE TO
#5 STEEL ON RAIL RISE & CHANNELS BETWEEN
EXISTING STAINERS, AS SHOWN ON SHEETS 1435-236,
MUST BE ORDER TO COMPENSATE FOR EXISTING
GRADE GRADY AT EXISTING LOCATION ALLOWING
HANGER RD #5" UN TO HANG VERTICALLY.

AS FULT

CONTRACT NO. _____

EAST BAY LOWER DECK TRAVELER
TRACK LAYOUT

SCALE No SCALE	MSD 9-15-73
	DATE 1/5/81
BRIDGE No. 34-04	DRAWING No. M-389-A29



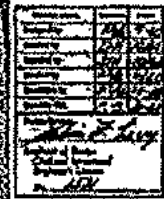
North Side:
 $\Delta = 3^{\circ} 23' 40.5''$
 $R = 141.0'$
 $T = 6.29'$
 $L = 6.34'$

South Side:
 $\Delta = 3^{\circ} 25' 20.5''$
 $R = 100.0'$
 $T = 2.116'$
 $L = 5.115'$

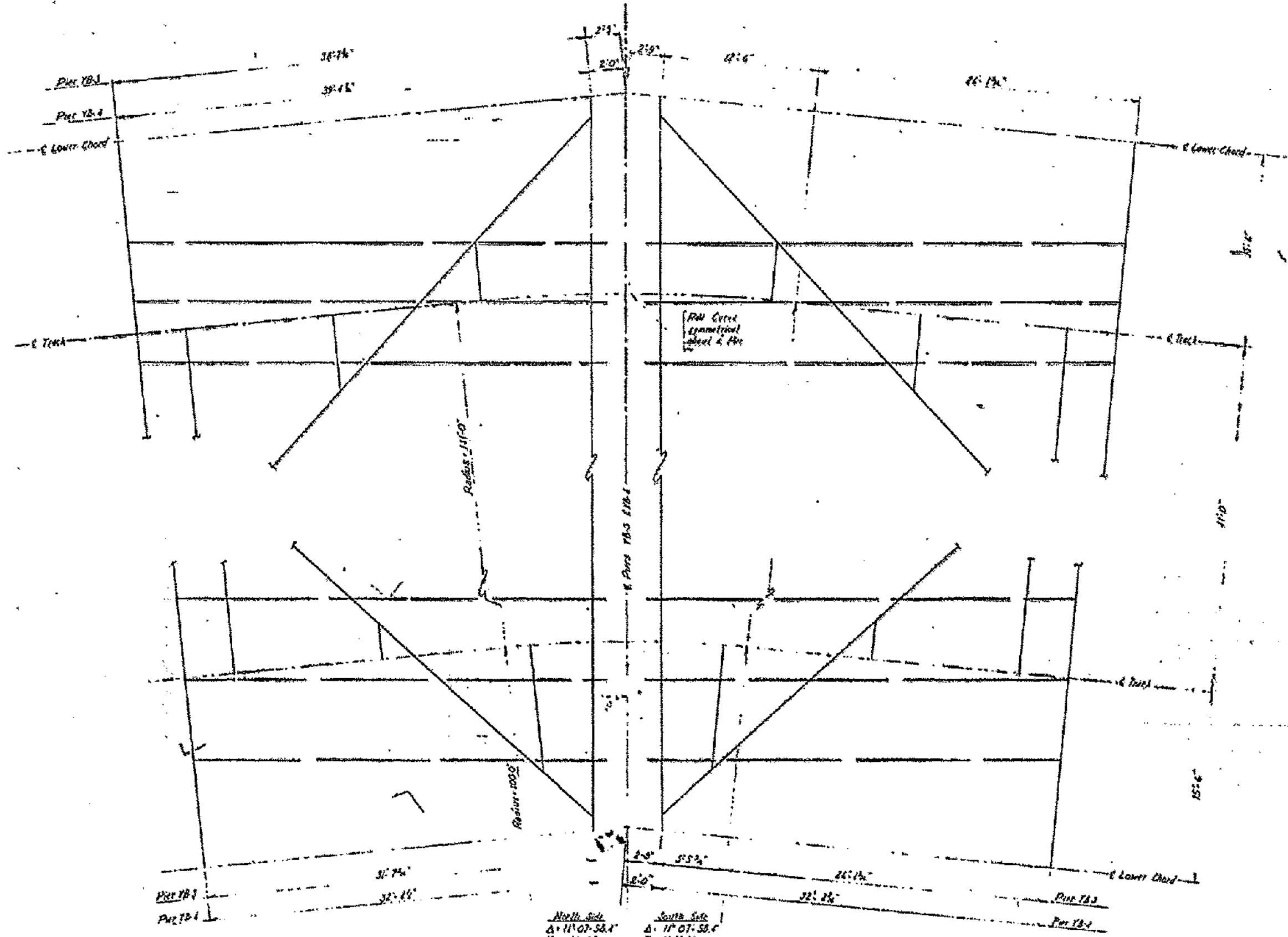
ASPHILT
 CONTRACT NO. _____

EAST BAY LOWER DECK TRAVELER	
RAIL LAYOUT - PIER YB-2	
SCALE No Scale	DATE 1941-10-26
BRIDGE No. 34-04	DRAWING No. M339A-30

SAN FRANCISCO-OAKLAND BAY BRIDGE



Howard C. T. and
November 18, 1941



North Side
 $\Delta = 111^{\circ} 07' 58.4''$
 $R = 161.0'$
 $T = 11^{\circ} 45'$
 $L = 27^{\circ} 44'$

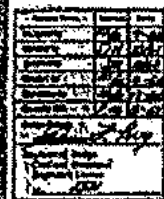
South Side
 $\Delta = 11^{\circ} 07' 58.4''$
 $R = 100.0'$
 $T = 9^{\circ} 44'$
 $L = 19^{\circ} 34'$

AS BUILT

CORRECTIONS BY _____
 CONTRACT NO. _____

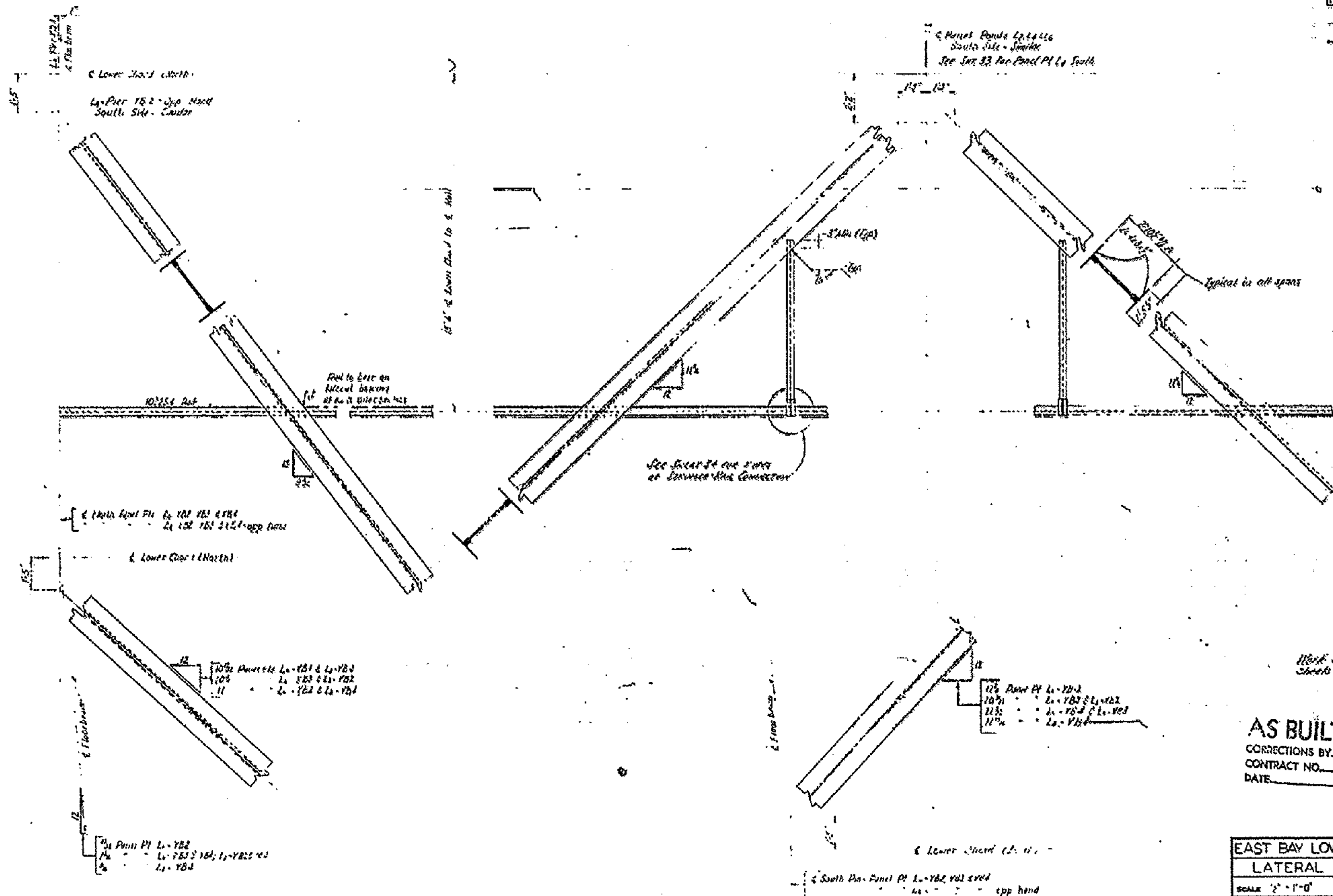
EAST BAY LOWER DECK TRAVELER	
RAIL LAYOUT - PIER YB-3 & YB-4	
SCALE No SCALE	DATE 12/11/41
BRIDGE No. 34-04	DRAWING No. M389A-31

SAN FRANCISCO-OAKLAND BAY BRIDGE



Student Name	Section	Score
Student 1	101	85
Student 2	102	88
Student 3	103	90
Student 4	104	82
Student 5	105	87
Student 6	106	89
Student 7	107	86
Student 8	108	84
Student 9	109	83
Student 10	110	81

Signature of Teacher _____
 Date of Assessment _____
 Signature of School _____
 Date of Submission _____



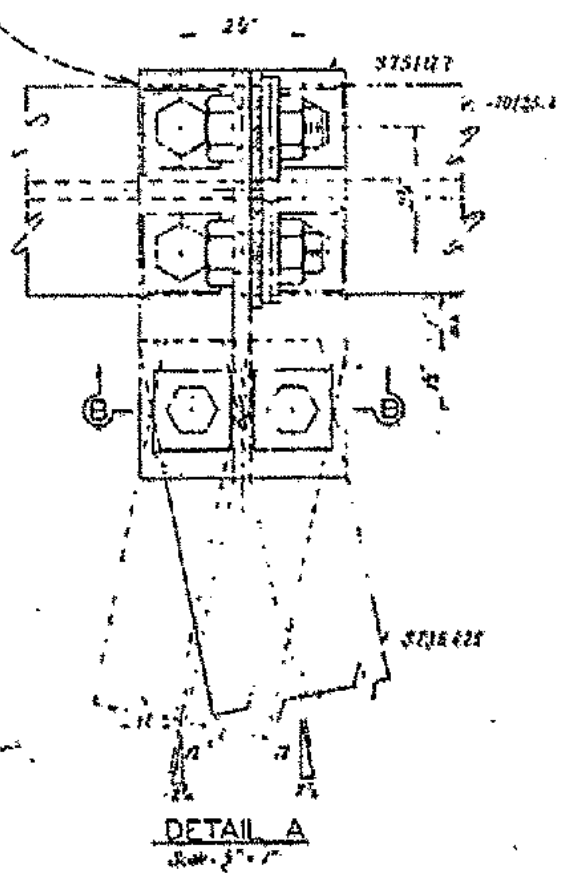
الحمد لله الذي جعلنا من
أهل البيت

AS BUILT

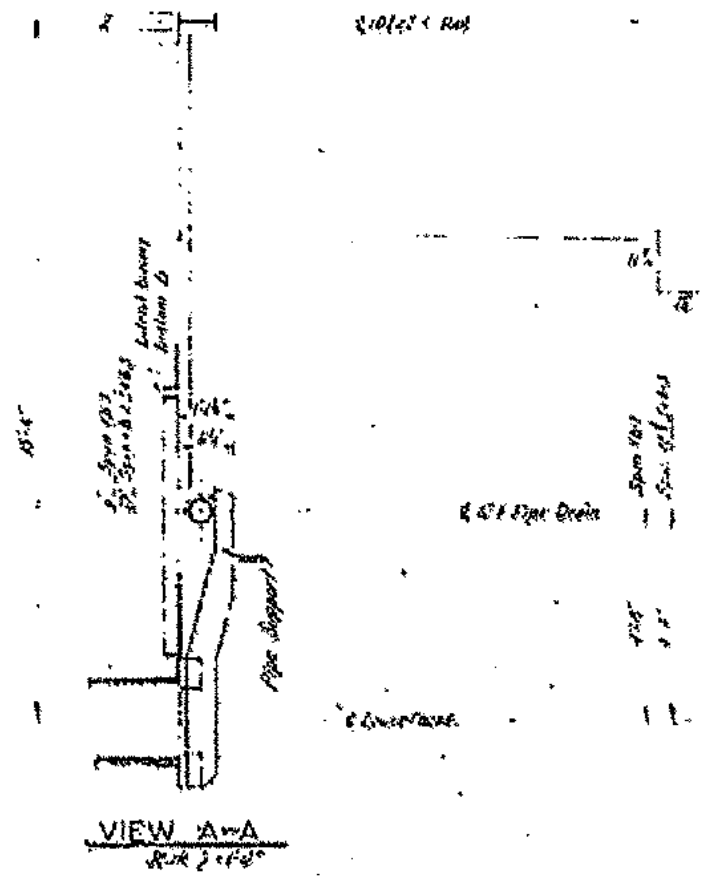
CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

EAST BAY LOWER DECK TRAVELER	
LATERAL BRACING LAYOUT	
SCALE 2" = 1'-0"	ESG 10-27 11-18 DATE 1/26/
BRIDGE No. 34-04	DRAWING No. M-389-A32

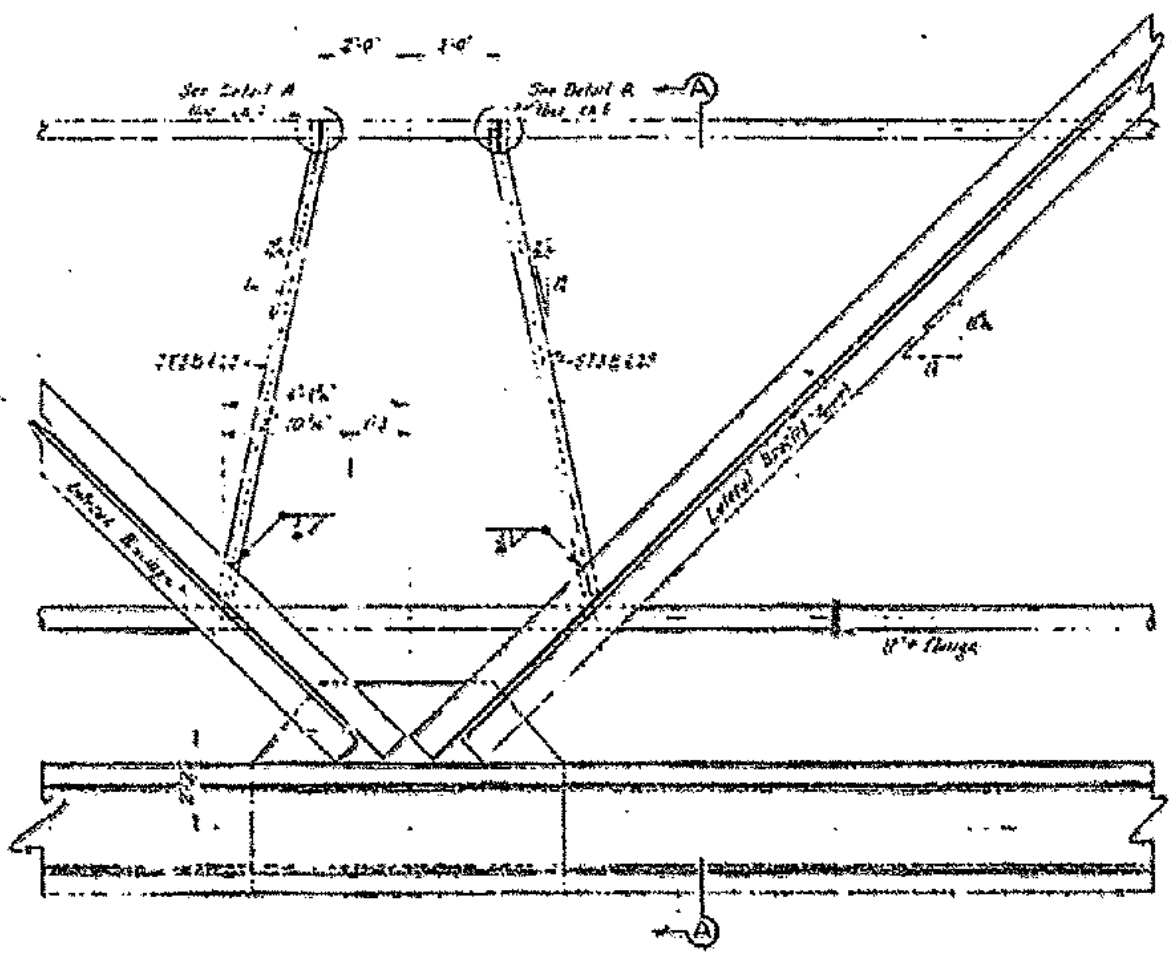
See Sheet 32 for Types of Struts and Connections



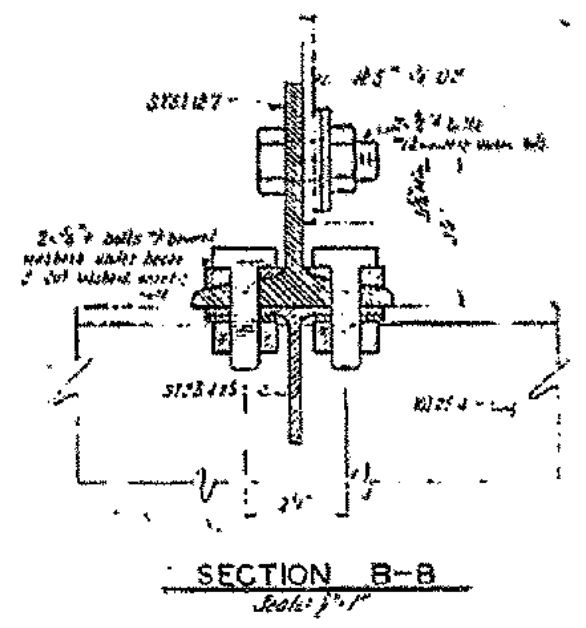
DETAIL A
Scale: 1/2" = 1'



VIEW A-A
Scale: 1/2" = 1'



STRUT CONNECTION DETAIL
PANEL POINT L4-SOUTH
Scale: 1/2" = 1'



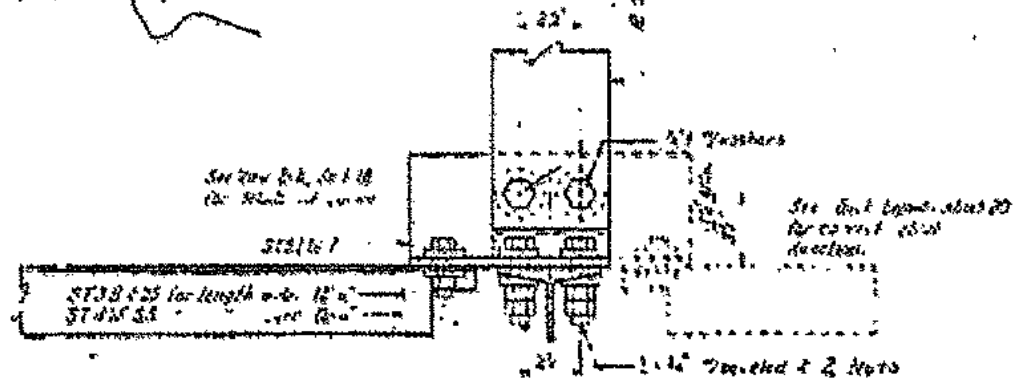
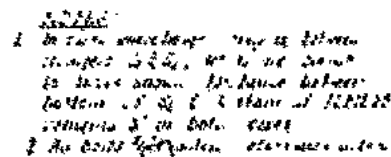
SECTION B-B
Scale: 1/2" = 1'

Note:
Hot with steel. P31 32.

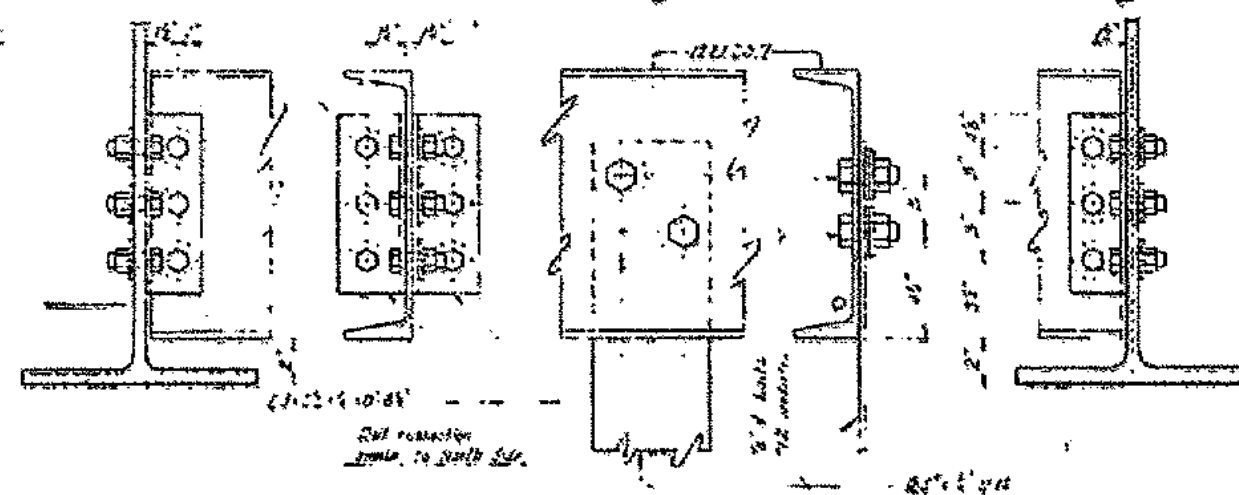
AS BUILT

CORRECTIONS BY: _____
CONTRACT NO. _____
DATE: _____

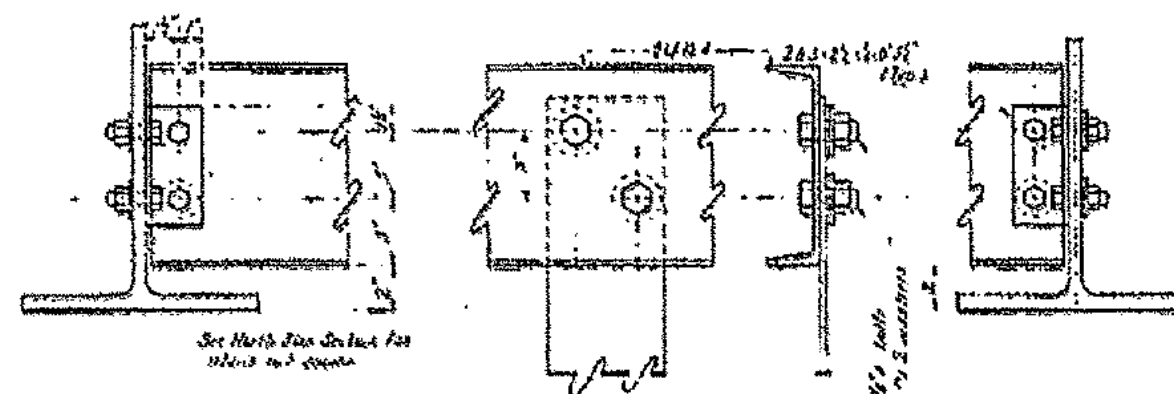
SPANS YB-1, 2, 3 AND 4	
STRUT CONNECTION DETAILS	
PANEL POINT L4-SOUTH	
SCALE AS NOTED	DATE 12/26/61
BRIDGE NO. 34-04	DRAWING NO. M369A-33



NORTH SIDE SPAN YB-1, YB-2, YB-3, & YB-4

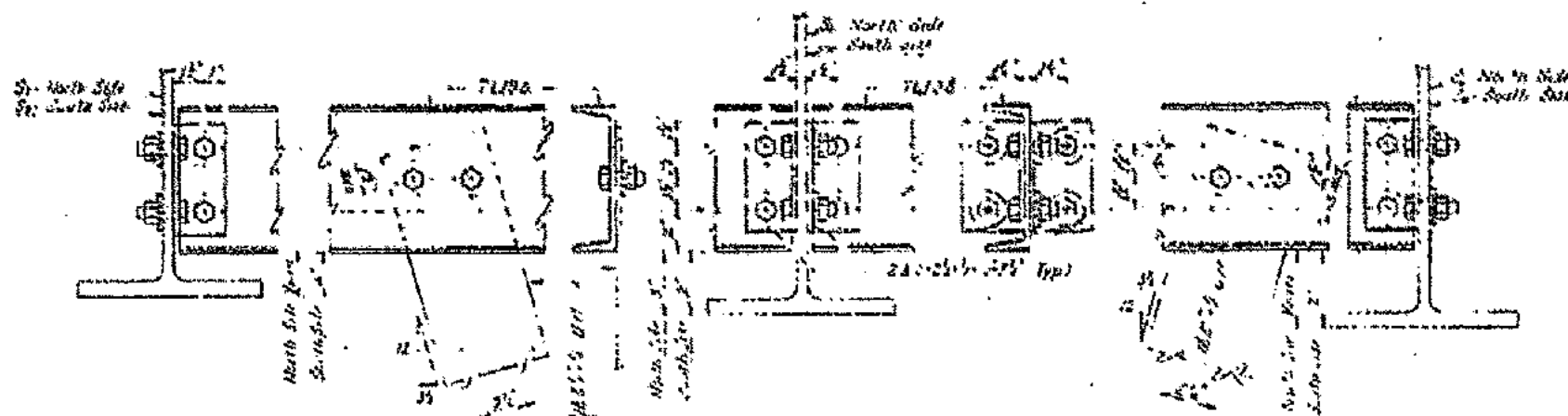


SOUTH SIDE SPAN YB-1

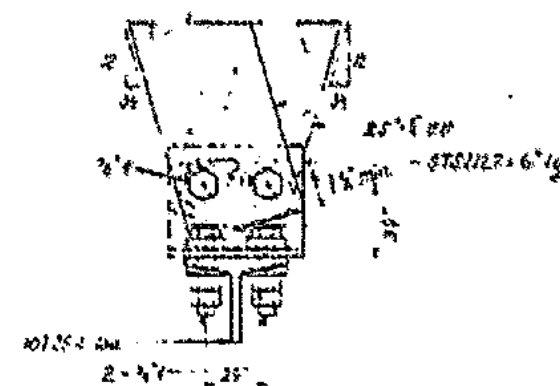


SOUTH SIDE SPAN YB-2, YB-3, & YB-4

TYPE A STRINGER-RAIL CONNECTION



TYPE 'B' STRINGER-RAIL CONNECTION



STRUT CONNECTION DETAIL

[illegible]

AS BUILT

CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

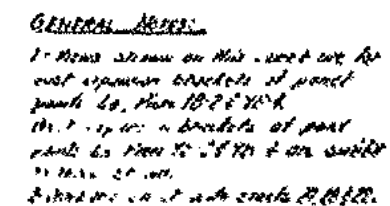
EAST BAY LOWER DECK TRAVELER	
HANGER CONNECTIONS	
SCALE 3'-10"	1980 9-28-87 DATE/REV
SHEET No. 34-04	DRAWING No. M389-A34

Received by	Initials	Date
Received by	Initials	Date
Received by	Initials	Date
Received by	Initials	Date
Received by	Initials	Date
Received by	Initials	Date

Received by

Initials

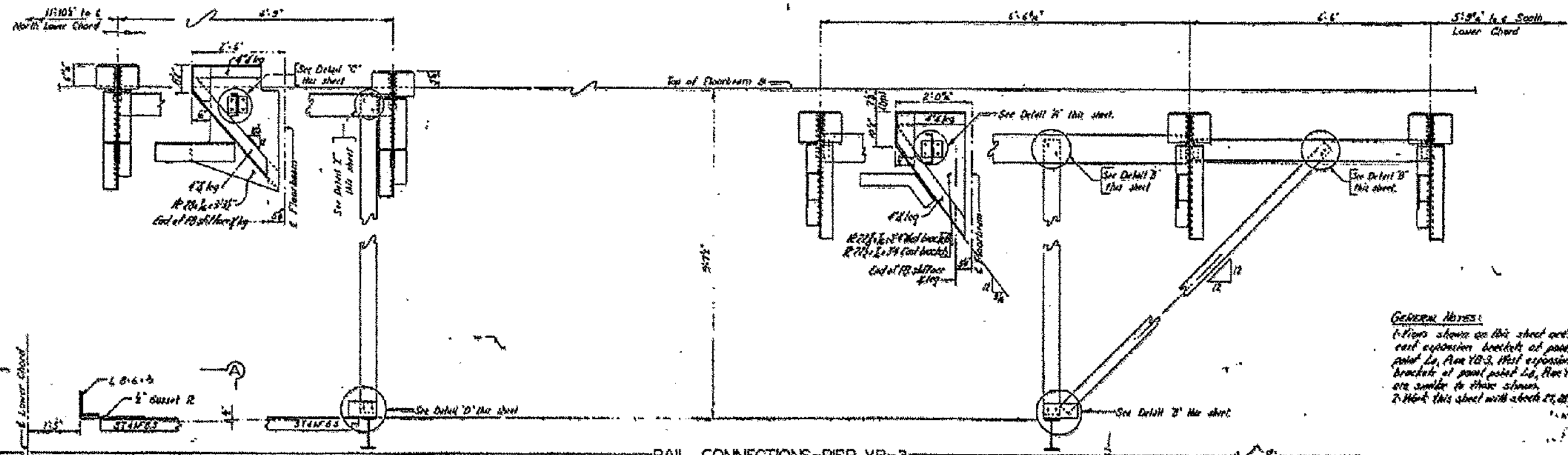
Date



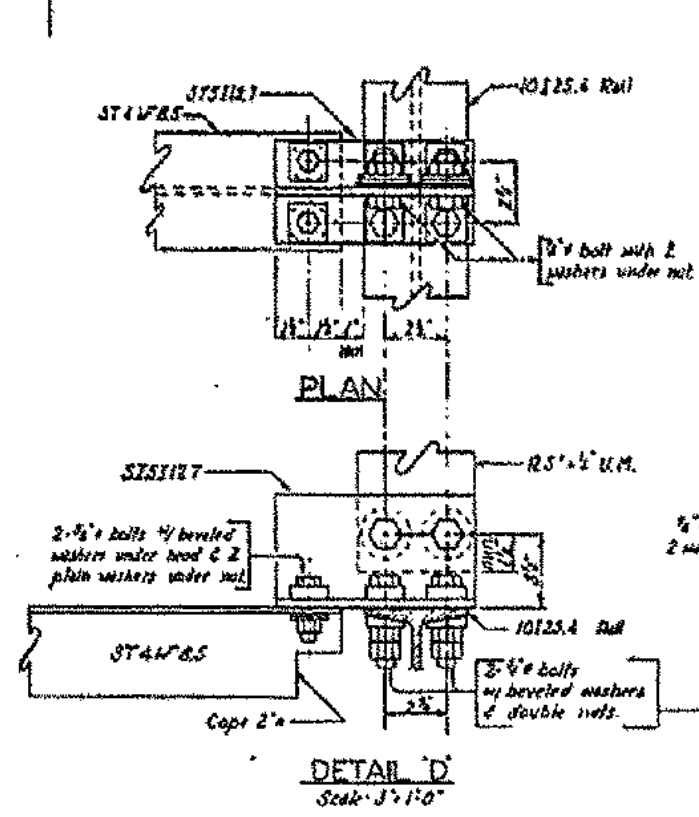
CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

SCALE AS NOTED	DATE 11-2-81 D. E. Y.
BRIDGE No. 34-04	DRAWING No. M-389A35

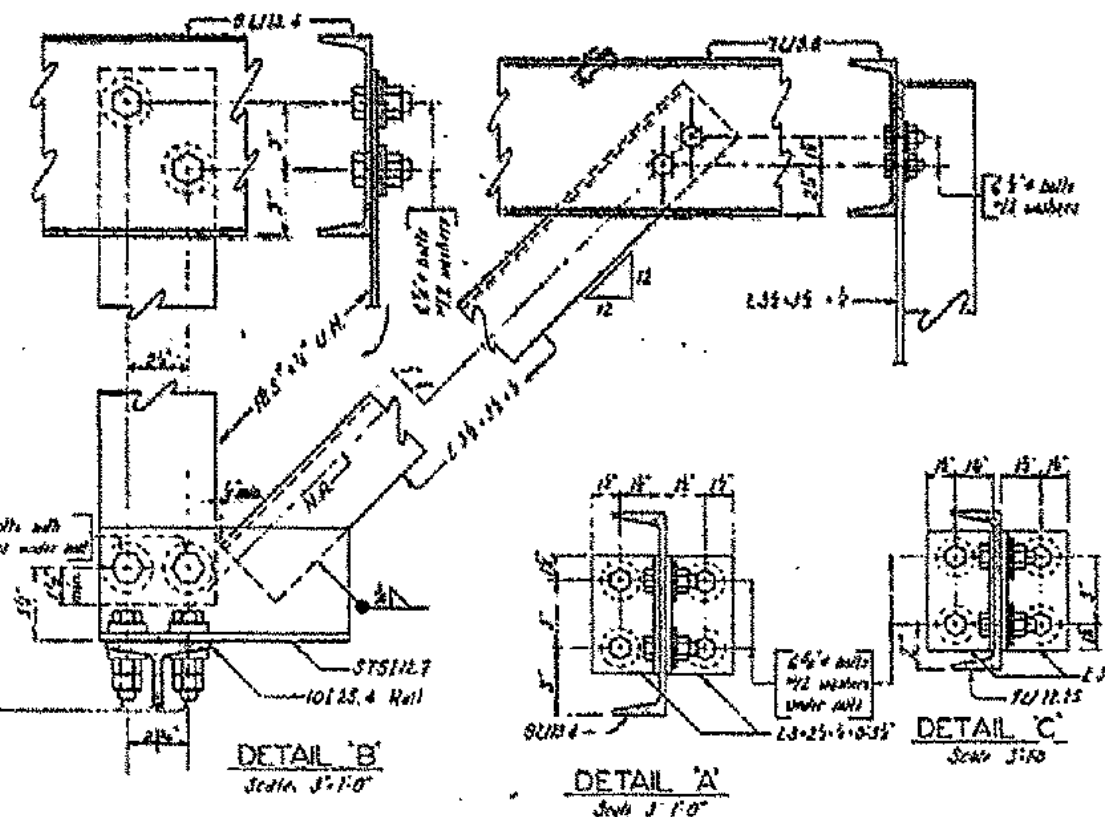
SAN FRANCISCO-OAKLAND BAY BRIDGE



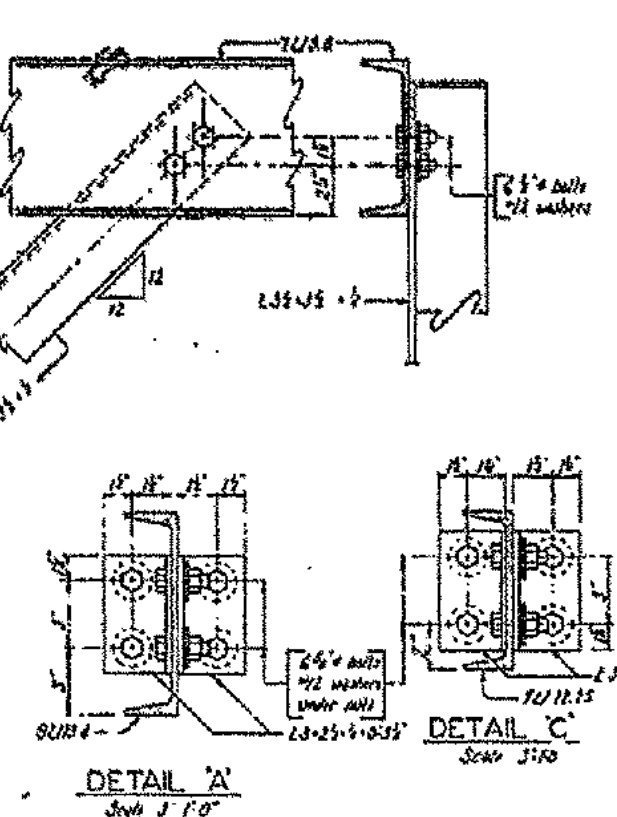
RAIL CONNECTIONS-PIER YB-3
Scale: 3/4" = 1'-0"



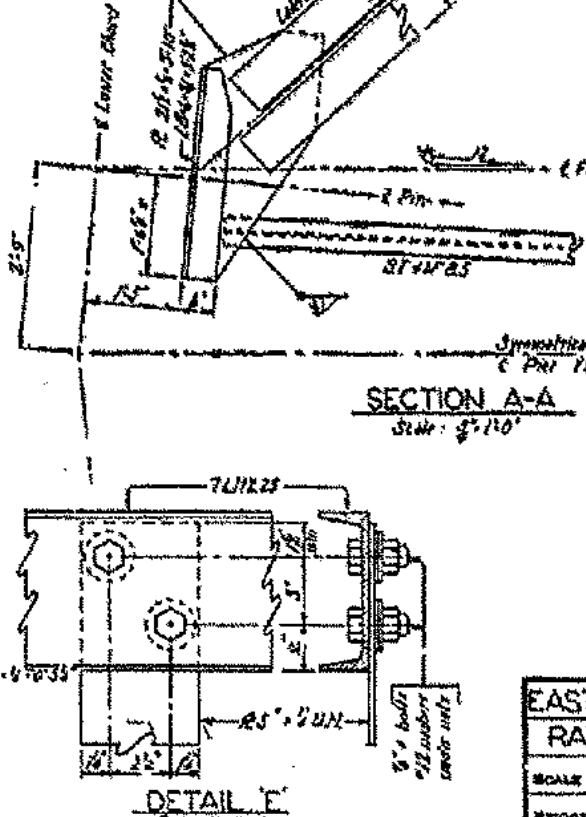
PLAN



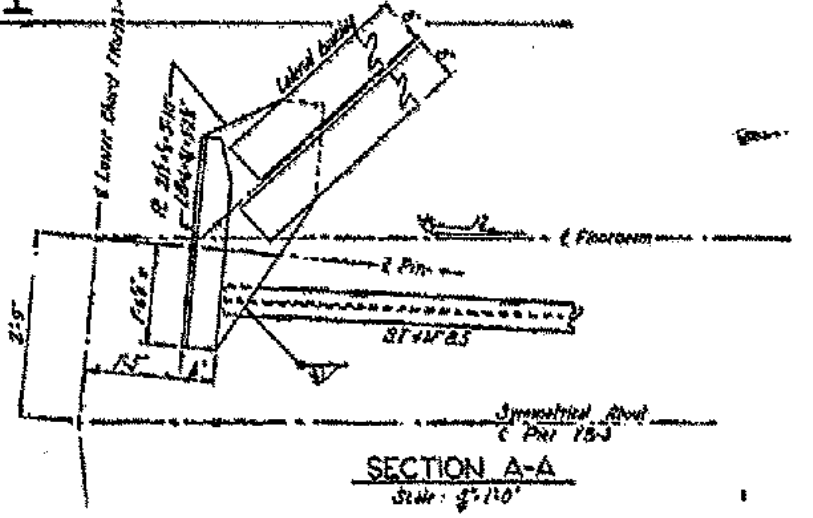
DETAIL 'B'
Scale: 3/4" = 1'-0"



DETAIL 'A'
Scale: 3/4" = 1'-0"



DETAIL 'C'
Scale: 3/4" = 1'-0"



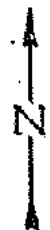
SECTION A-A
Scale: 3/4" = 1'-0"

AS BUILT
CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

EAST BAY LOWER DECK TRAVELER			
RAIL CONNECTIONS AT PIERS			
SCALE	AS NOTED	DATE	1961-11-12
BRIDGE No.	34-04	DRAWING No.	M-389A-36

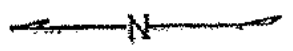
Abstract



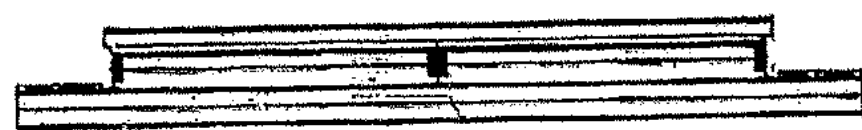
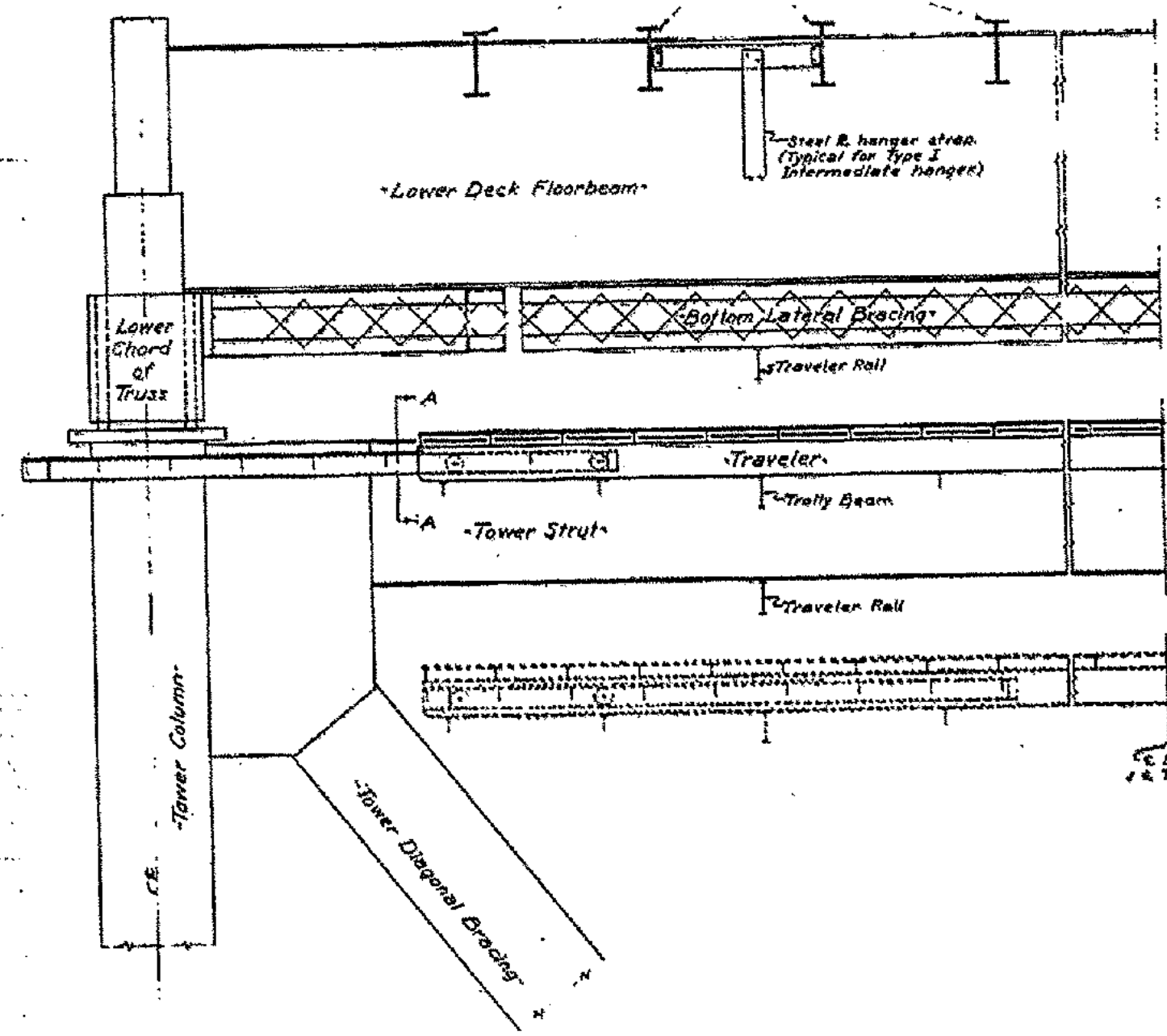


CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

CONTINUOUS SPAN	
LOWER DECK TRAVELER	
TRACK LAYOUT	
SCALE 1"=15'-0"	1060 11-21-2-2-1112-1 DATA
BRIDGE No. 34-03	DRAWING No. M350A38



Lower Deck Stringers, 21 CB 60 North side Bridge,
(24 CB 60 South side ")

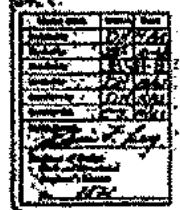


SECTION A-A

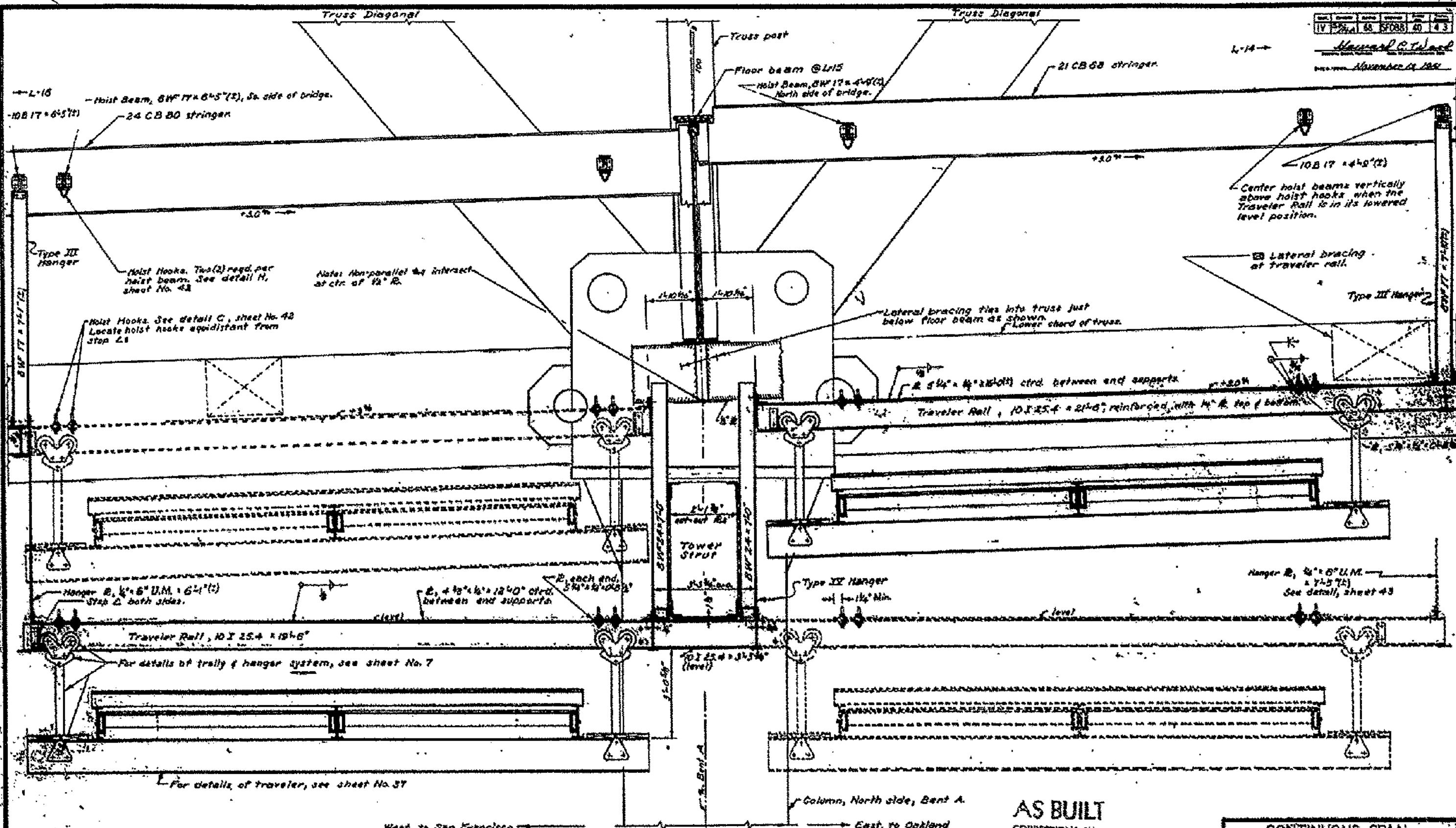
AS BUILT
CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

CONTINUOUS SPAN	
LOWER DECK TRAVELER	
ELEV. AT BENTS A & B	
SCALE 1/2" = 1'-0"	113-0111-01-02-04 (DATA)
BRIDGE NO. 34-03	DRAWING NO. M389A-39

SAN FRANCISCO-OAKLAND BAY BRIDGE



Howard P. Toland
November 14, 1934



SECTION A-A, PIER "A"
LOOKING NORTH

RAILS AT PIER "B" REVERSED

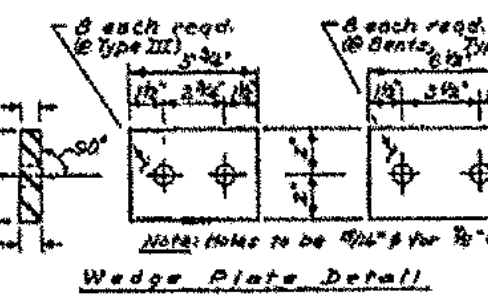
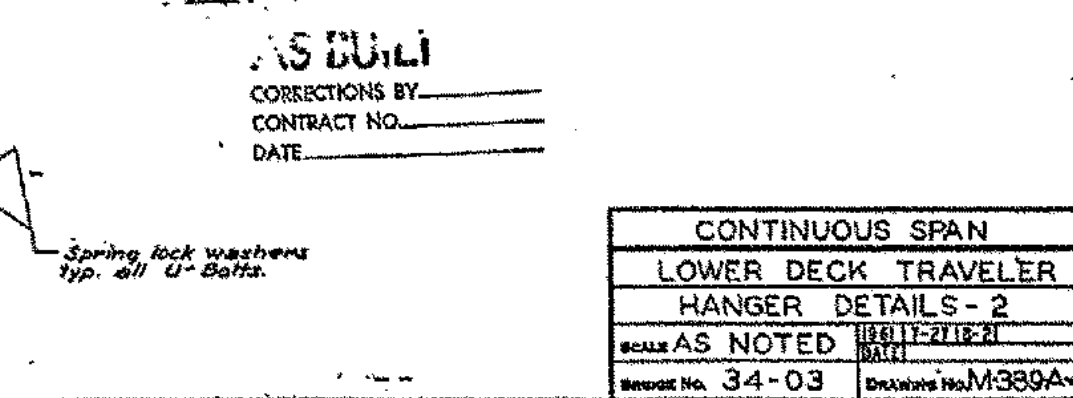
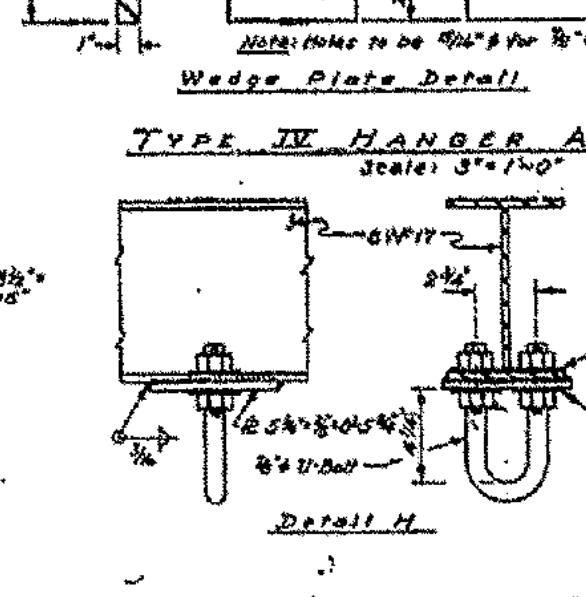
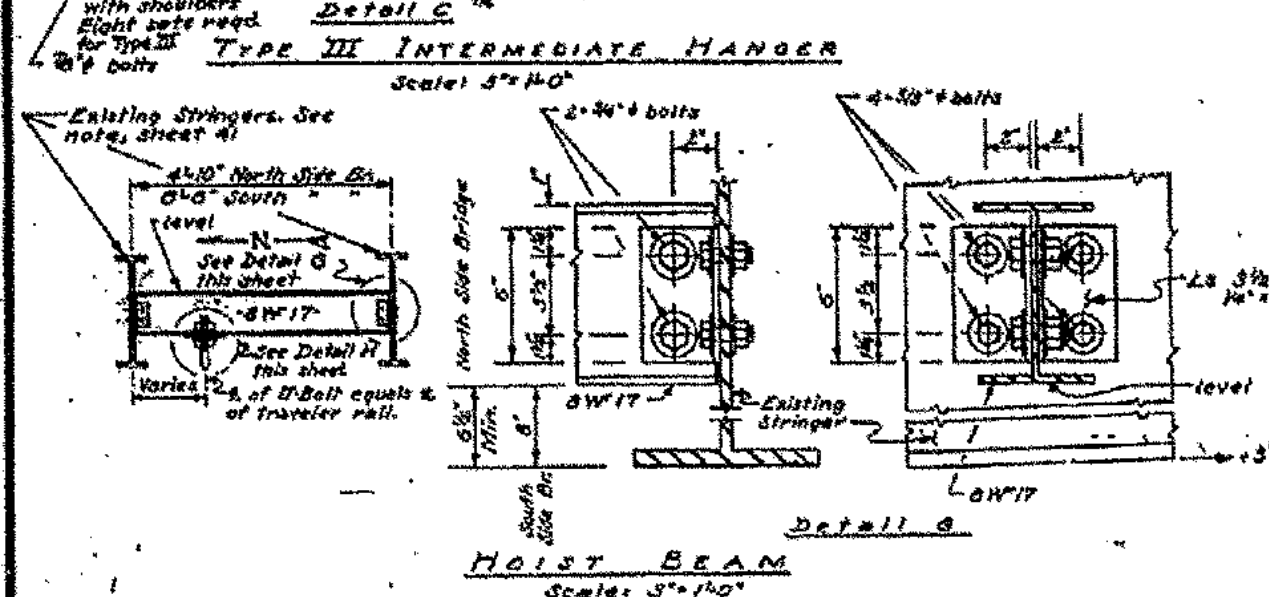
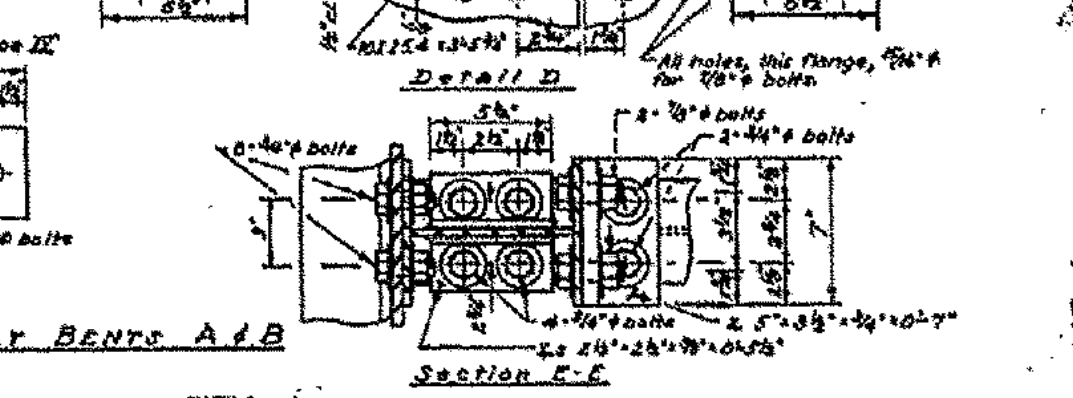
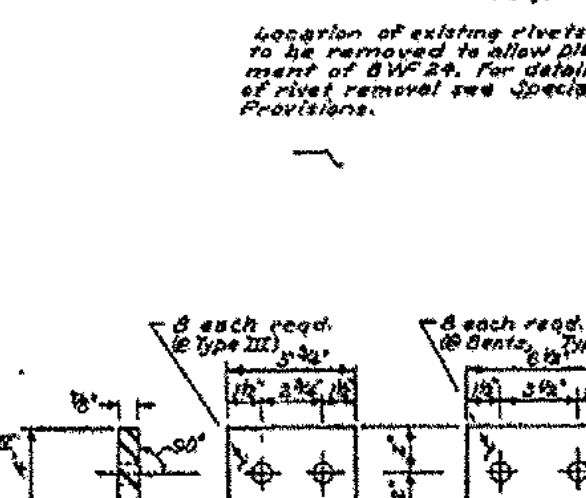
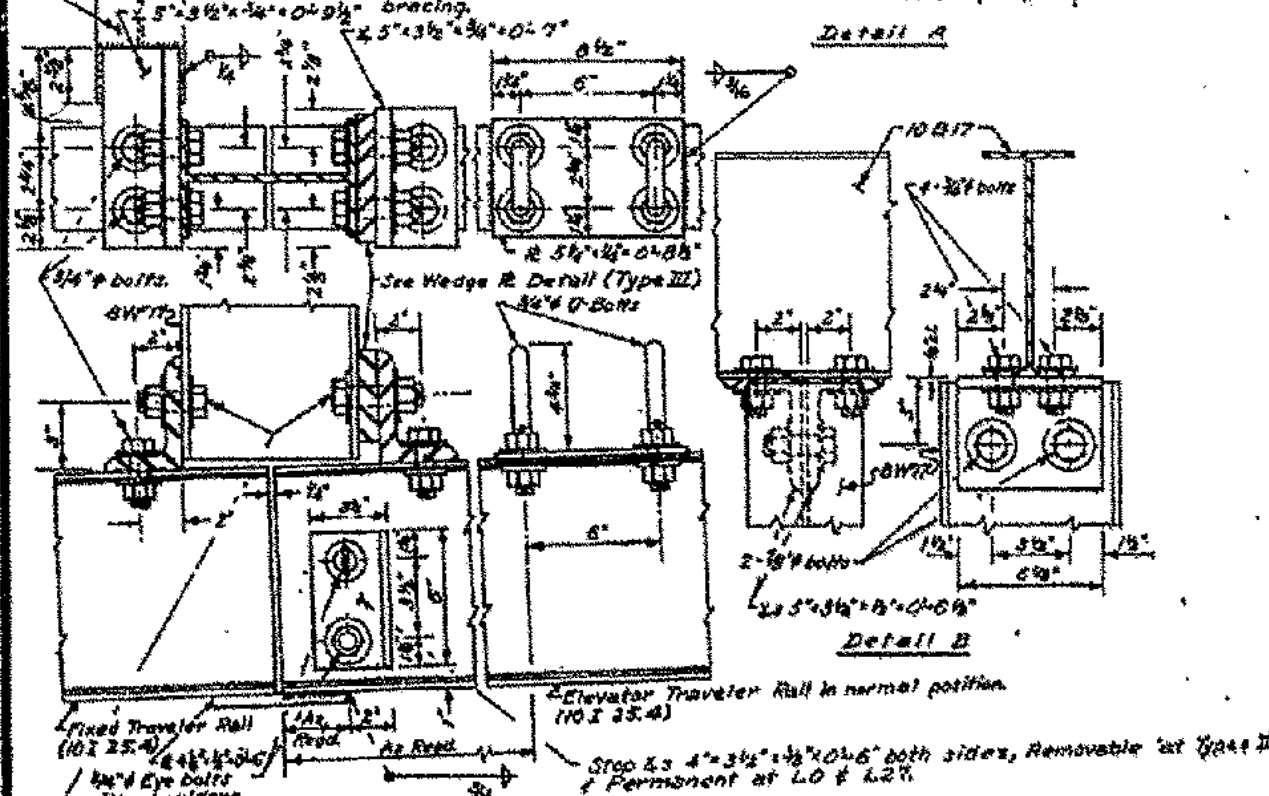
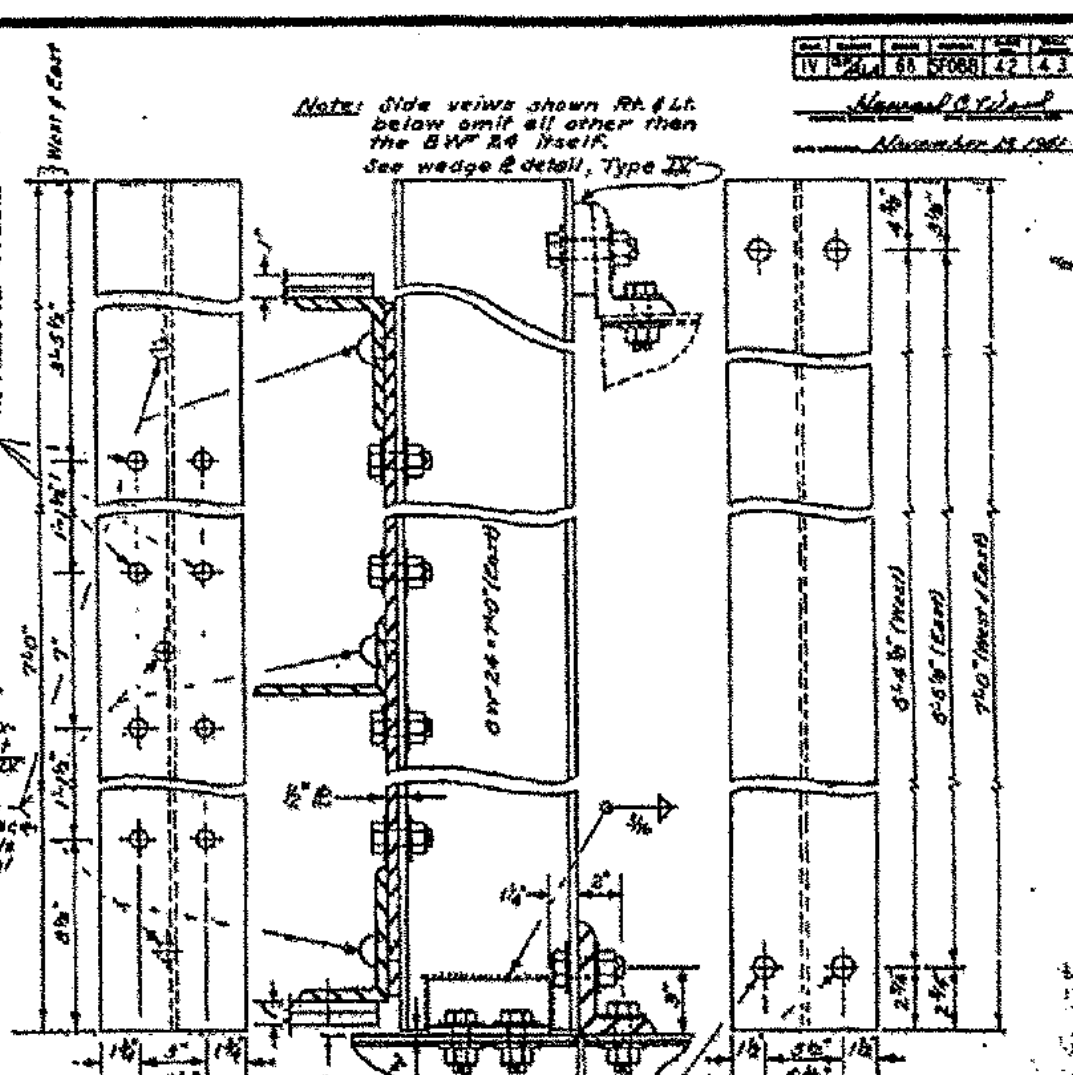
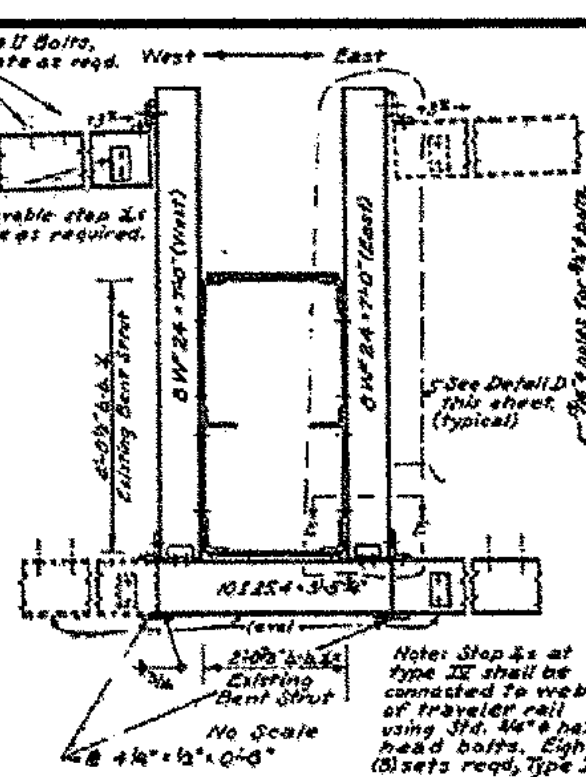
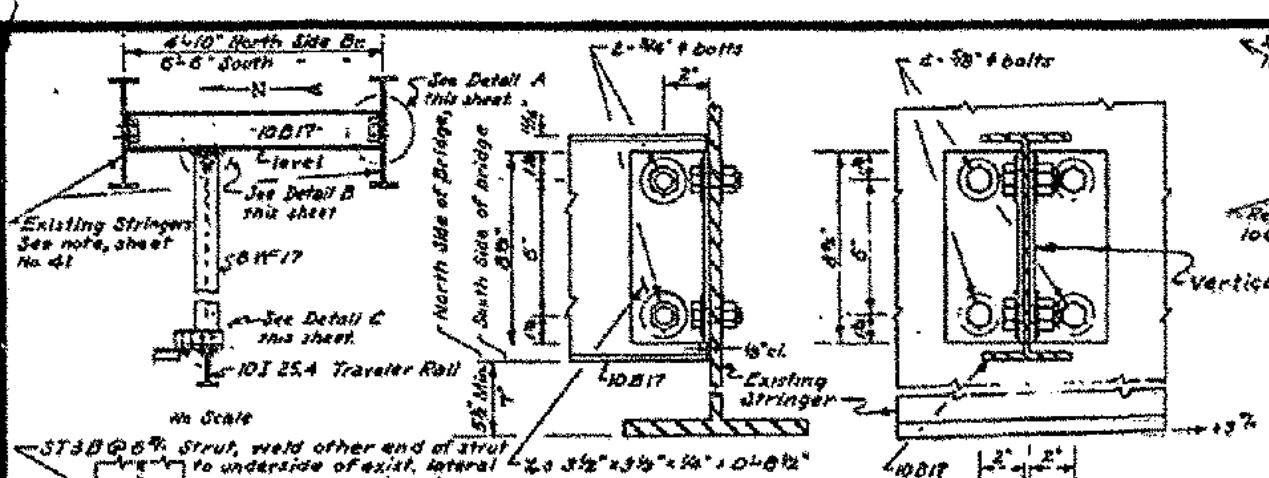
AS BUILT

CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

CONTINUOUS SPAN	
LOWER DECK TRAVELER	
CONNECTIONS AT BENTS "A" & "B"	
SCALE 1/4" = 1'-0"	DATE 12-1-34
DRAWING NO. 34-03	CH. W. W. No. M-389-4-30

CONTINUOUS SPAN	
LOWER DECK TRAVELER	
HANGER DETAILS - 1	
SCALE	AS NOTED
BRIDGE No.	34-03
DRAWING No.	M38

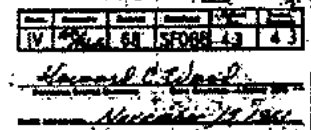
Note: Side views shown Rt. & Lt. below omit all other than the BWF 24 itself. See wedge & detail, Type II.



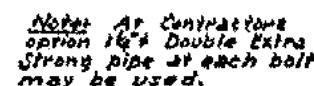
TYPE IV HANGER AT BENTS A & B
Scale: 3" = 1'-0"

AS BUILT
CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

CONTINUOUS SPAN	
LOWER DECK TRAVELER	
HANGER DETAILS - 2	
SCALE AS NOTED	DATE 1-27-62
BRIDGE No. 34-03	DRAWING No. M389A-42

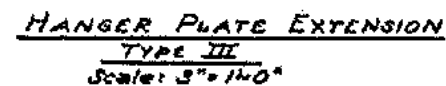


San Jose 3rd / 40th



Filler B Detail
(Four Each Read)

TYPE VI ~ SPECIAL CONNECTION ~ TRAVELER RAIL TO FLOOR BEAM AT L-7

Scale: $3'' = 140'$ 

CORRECTIONS BY _____
 CONTRACT NO. _____
 DATE _____

CONTINUOUS SPAN	
LOWER DECK TRAVELER	
HANGER DETAILS - 3	
SCALE AS NOTED	DATE 12-27-82
BRIDGE No. 34-03	DRAWING No. M389A-13